



**Technical Assistance Plan
Pines Area of Investigation
AOC II
Docket No. V-W-'04-C-784**

April 5, 2005

TECHNICAL ASSISTANCE PLAN AGREEMENT

This Technical Assistance Plan Agreement ("TAP Agreement") is entered into this ____ day of April, 2005, as part of the Administrative Order on Consent for Remedial Investigation/Feasibility Study Pines Area of Investigation (Docket No. V-W-'04-C-784), by and between Northern Indiana Public Service Company ("NIPSCO"), Brown Inc., Ddalt Corp. and Bulk Transport Corp. on the one hand (collectively the "Respondents"), and the People In Need of Environmental Safety ("P.I.N.E.S.") on the other hand.

RECITALS

Whereas, on April 5, 2004, Respondents entered into an Administrative Order on Consent (Docket No. V-W-'04-C-784) ("AOC II") with the U.S. EPA.

Whereas, under the terms of AOC II, Respondents agree to conduct a Remedial Investigation and Feasibility Study ("RI/FS") in the Pines Area of Investigation.

Whereas, as part of AOC II, Respondents agreed to provide funding in an amount of \$50,000 to a qualified community group to retain its own technical advisor(s) pursuant to a Technical Assistance Plan ("TAP").

Whereas, U.S. EPA and Respondents believe that public participation will result in a better understanding of the investigative process implemented in an RI/FS.

Whereas, the P.I.N.E.S. has been selected as the community group to receive TAP funding.

Whereas, this TAP Agreement sets forth the requirements for providing and administering funding in an amount of \$50,000 to be used by P.I.N.E.S. to hire independent technical advisors to help interpret Pines Area of Investigation documents developed under the RI/FS and through U.S. EPA's issuance of the Record of Decision ("ROD").

I. Definitions.

The following definitions apply to this TAP:

A. "Advance payment" means a payment made to a recipient before "outlays" are made by the recipient.

B. "Affected" means subject to potential or actual health, economic, or environmental threat within the proposed Pines Area of Investigation. Examples of affected parties include people: (1) who live in areas near the Pines Area of Investigation, who may potentially be exposed to releases of CCB-derived constituents from the Pines Area of Investigation; or (2) whose economic interests are threatened or harmed from the potential releases of CCB-derived constituents from the Pines Area of Investigation.

C. "Allowable Cost" means those project costs that are: eligible, reasonable, allocable to the TAP Project, and necessary to the operation of the organization or the performance of the TAP Project as provided in the appropriate Federal cost principles, in most cases Office of Management and Budget ("OMB") Circular A-122, attached hereto as Exhibit 1 (see 40 CFR 30.27, attached hereto as Exhibit 2), and approved by U.S. EPA and Respondents in the TAP Agreement.

D. "AOC II" means the Administrative Order on Consent for Remedial Investigation/Feasibility Study, Pines Area of Investigation (Docket No. V-W-'04-C-784).

E. "Budget" means the financial plan for spending funds for a TAP Project that the P.I.N.E.S. proposes and Respondents approve.

F. "Contract" means a written agreement between the P.I.N.E.S. and another party (other than a public agency) for services or supplies necessary to complete the TAP Project. Contracts include contracts and subcontracts for personal and professional services or supplies necessary to complete the TAP Project.

G. "Contractor" means any party (for example, a technical advisor) to whom the P.I.N.E.S. awards a contract.

H. "Explanation of Significant Differences" ("ESD") means the document issued by the lead agency that describes to the public significant changes made to a Record of Decision ("ROD") after the ROD has been signed. The ESD must also summarize the information that led to the changes and affirm that the revised remedy complies with the "National Contingency Plan" ("NCP") and the statutory requirements of CERCLA.

I. "National Contingency Plan" ("NCP") means the federal government's blueprint for responding to both oil spills and hazardous substance releases. It lays out the country's national response capability and promotes overall coordination among the hierarchy of responders and contingency plans. 40 C.F.R. Part 300.

J. "Operable Unit" means a discrete action defined by U.S. EPA that comprises an incremental step toward completing remedial activities.

K. "Outlay" means a charge made to the TAP Project that is an allowable cost in terms of costs incurred.

L. "Pines Area of Investigation" includes the area located in and near the Town of Pines in Porter County, Indiana, as depicted in Exhibit 3, and includes all locations where CCBs have or may have come to be located.

M. "Potentially Responsible Party" ("PRP") means any individual(s) or company(ies) (such as owners, operators, transporters or generators) potentially responsible under sections 106 or 107 of CERCLA (42 U.S.C. § 9606 or 42 U.S.C. § 9607) for releases or threatened releases of hazardous substances at the Pines Area of Investigation.

N. "Project Manager" means the person legally authorized to obligate the P.I.N.E.S. to the terms and conditions of the TAP Agreement, and designated by the P.I.N.E.S. to serve as its principal contact with Respondents. The Project Manager may also assume the role of TAP Administrator.

O. "Project Period" means the period established in the TAP Agreement during which TAP funding may be available.

P. "Recipient" means the group that has been selected as the community group to receive TAP funding.

Q. "Record of Decision" ("ROD") means a public document that that explains the risk management decisions made at the Pines Area of Investigation regarding which remedy option(s) appears to be most appropriate for the Pines Area of Investigation; it is based on technical data gathered and analyses performed during the RI/FS, as well as public comments and community concerns.

R. "Remedial Investigation/Feasibility Study" ("RI/FS") means the phase in the process during which studies into the nature and extent of the impacts from releases of CCB-derived constituents at the Pines Area of Investigation are conducted, potential risks to human health and the environment are evaluated, and alternative remedial options are evaluated. The RI/FS encompasses all aspects of the scope of work as outlined in AOC II.

S. "Respondents" shall mean Northern Indiana Public Service Company, Brown Inc., Ddalt Corp., and Bulk Transport Corp.

T. "Technical Assistance Plan" (TAP") means all activities undertaken by Respondents to provide and administer funding in an amount of \$50,000 to be used by an eligible community group to hire an independent technical advisor(s) to help interpret submittals

developed under the RI/FS for the Pines Area of Investigation through U.S. EPA's issuance of the ROD.

U. "TAP Administrator" means a person or persons qualified by education and experience to fulfill the obligations set forth in Section II.F., which include recordkeeping and accounting activities.

V. "TAP Agreement" is the legal document for making available funding to the P.I.N.E.S. to accomplish the TAP Project. It specifies funding and the project period, a description of the work to be accomplished, and any additional terms and conditions that may apply.

W. "TAP Project" means eligible TAP activities, under Section II.H., undertaken by the P.I.N.E.S.

X. "U.S. EPA" means the United States Environmental Protection Agency.

II. General Terms and Conditions.

The following are the [U.S. EPA approved] general terms and conditions of the TAP Agreement between Respondents and the P.I.N.E.S. Parties reserve the right to make changes or additions as necessary and appropriate by mutual consent.

A. Project Period. The Project Period extends from the date of the signing of the TAP Agreement through U.S. EPA's issuance of the ROD.

B. Objective of TAP. The TAP prepared and implemented under AOC II provides for funding to be made available so that the P.I.N.E.S. can obtain technical assistance in interpreting information with regard to the Pines Area of Investigation. Respondents are issuing the TAP to promote public participation in decision making at the Pines Area of Investigation. The TAP allows the P.I.N.E.S. to procure independent technical advisor(s) to help the eligible group interpret site-related information and decisions.

C. Administrative TAP Coordinator. The TAP Coordinator is the individual(s) who may act, within the scope authorized by Respondents, on behalf of the Respondents. The TAP Coordinator's function is to administer the TAP Agreement, which primarily involves distribution of TAP funds and periodically reviewing the documents maintained as part of the TAP Agreement, which include TAP Management System, Section II.R., Administrative and Communication Costs, Section II.G.; and Contractor Billing Packages, Section II.S. Respondents, with the approval of U.S. EPA, may change the TAP Coordinator at any time or from time to time, and shall promptly notify in writing, within 15 days, the P.I.N.E.S. of any such change. The TAP Coordinator is:

Northern Indiana Public Service Company
Attention: Dan Sullivan
801 86th Avenue
Merrillville, IN 46410
Email: dsullivan@nisource.com

and

Valerie Blumenfeld
Brown, Inc.
720 W. U.S. Highway. 20
Michigan City, IN 46360-6897
Email: vblumenfeld@bibtc.com

D. TAP Funding Amount. Respondents will make available funds in an amount of \$50,000 to the P.I.N.E.S. to assist the group to procure independent technical advisor(s) to help the eligible group interpret site-related information and decisions.

E. The P.I.N.E.S.' Budget, Work Plan, Project Manager, and Membership Information. Within 30 days of executing this TAP Agreement, the P.I.N.E.S. shall provide Respondents with:

1. A Budget that clearly shows how the P.I.N.E.S. will apply TAP funding that meets the objectives of the TAP Project, as outlined in Section II.B.;

2. A work plan that includes a scope of work that clearly explains how the P.I.N.E.S.:

- a. Is organized;
 - b. Intends to use personnel to procure management/coordination and technical advice;
 - c. Will share and disseminate information to the rest of the affected community;
 - d. How the P.I.N.E.S.' board of directors, technical advisor(s), TAP Administrator, and Project Manager will interact with each other;
3. Identification of the P.I.N.E.S.' Project Manager, as defined in Section

II.N.;

4. A list of the members of the P.I.N.E.S., including addresses.

F. P.I.N.E.S. TAP Administrator. The P.I.N.E.S. shall have a TAP Administrator. The P.I.N.E.S. may hire someone to be the TAP Administrator or one member of the group may donate his or her time and assume this role. TAP Administrator activities may include, but are not limited to, the following:

1. Placing public notices;
2. Preparing contracts;
3. Preparing progress reports;
4. Tracking expenses;
5. Recordkeeping;
6. Accounting activities;
7. Taking meeting notes; and

8. Acting as the group contact with Respondents for administrative related issues.

G. Administrative and Communication Costs. The P.I.N.E.S. may spend no more than 20 percent of the total available TAP funding on communication costs and administrative costs, such as recordkeeping, accounting activities and retention of a TAP Administrator. This is to ensure that funding available for the TAP Project is used primarily for the interpretation and communication of site-related technical data. The P.I.N.E.S. shall keep records of time devoted to TAP Project-related administrative and communication tasks and TAP funding devoted to these activities.

H. Eligible TAP Project Activities. The P.I.N.E.S. should use most of the available TAP funding to procure a technical advisor(s) to help the P.I.N.E.S. interpret site-related information generated and decisions made under AOC II, including the RI/FS. This technical assistance should contribute to the public's ability to participate in the decision making process by improving the public's understanding of overall conditions and activities ongoing at the Pines Area of Investigation. The P.I.N.E.S. may use a portion of the TAP funding amount to:

1. Undertake activities that communicate Pines Area of Investigation information to the public through newsletters, public meetings, or other similar activities;
2. Retain a TAP Administrator; and/or
3. Provide one-time health and safety training for the P.I.N.E.S.' technical advisor(s) to gain site access to the Pines Area of Investigation. To provide this training, the P.I.N.E.S. must:

- a. Obtain written approval from the Respondents; and

- b. Plan to spend no more than \$1,000 for this training, including travel, lodging, and other related costs.

I. Ineligible TAP Activities. No portion of the TAP funding amount can be used for the following activities:

1. Asserting, supporting, promoting, or advancing any public or private lawsuit or other judicial or administrative action or proceeding, including but not limited to, Hoosier Environmental Counsel, Inc. et al. v. Northern Indiana Public Service Company and Loyd et al. v. Northern Indiana Public Service Company, Brown, Inc. of Michigan City Indiana, Ddalt Corp., and Bulk Transport Corp.;

2. To pay for any legal analysis, advice, work product, or support for any public or private lawsuit or other judicial or administrative action or proceeding;

3. Providing or communicating information, reports, or other work product from any party to legal counsel, consultants, or testifying experts involved in any public or private judicial or administrative action or proceeding adverse to or against any of Respondents;

4. To inform or assist any technical, legal, or other expert or professional advisor about matters addressed in or testified to in any judicial or administrative action or proceeding.

5. Attorney fees or expenses of any kind;

6. Preparing to be an expert witness, consulting witness, or fact witness in any judicial or administrative action or proceeding;

7. Political activity and lobbying that is unallowable under OMB Circular A-122, Cost Principles for Non-Profit Organizations, attached hereto as Exhibit 1 (this restriction includes activities such as attempting to influence the outcomes of any Federal, State or local

election, referendum, initiative, or similar procedure through in-kind or cash contributions, endorsements, or publicity, or attempting to influence the introduction or passage of Federal or state legislation);

8. Other activities that are unallowable under the cost principles stated in OMB Circular A-122, Exhibit I (such as costs of amusement, diversion, social activities, fund raising and ceremonies);

9. Tuition or other training expenses for P.I.N.E.S. members or the P.I.N.E.S.' technical advisor(s) except as Section II.H., Eligible TAP Project Activities, allows;

10. Any activities or expenditures for the P.I.N.E.S.' members' travel;

11. Generation of new primary data such as well drilling and testing, including split sampling;

12. Reopening or challenging final U.S. EPA decisions such as:

a. Records of Decision; and/or

b. Disputes with U.S. EPA under its dispute resolution procedures set forth in 40 CFR 30.63, attached hereto as Exhibit 4; and

13. Generation of new health data.

J. Requirements for Advance Payment of Up to \$5,000. A maximum of \$5,000 in the form of an advance payment is available to the P.I.N.E.S. The P.I.N.E.S. must submit in writing a request to Respondents for an advance payment which identifies activities, goods, or services undertaken by the P.I.N.E.S. In addition, the P.I.N.E.S. shall submit a Request for Advance, attached hereto as Exhibit 5. Respondents, with U.S. EPA approval, may approve or disapprove the items for which the P.I.N.E.S. seeks advance funding. Upon approval of the P.I.N.E.S.' request, Respondents will advance cash (in the form of a check or electronic funds

transfer) to the P.I.N.E.S., up to \$5,000, to cover its estimated start-up costs, as more fully described in Section II.K. After the initial advance, the Respondents will provide funding to the P.I.N.E.S. from the TAP funds for the exact amount of each eligible bill.

K. Restrictions on Use of Advance Payment of up to \$5,000. Advance payments may be used only for items associated with the start up of the P.I.N.E.S.' organization, as specifically requested in the P.I.N.E.S.' advance payment request, and approved by Respondents.

L. Obtaining More than \$50,000. Respondents may waive the P.I.N.E.S.' \$50,000 limit if the P.I.N.E.S. demonstrates that:

1. If it previously received TAP funds, the P.I.N.E.S. managed those funds efficiently; and

2. The Pines Area of Investigation characteristics indicate additional funds are necessary due to the nature or volume of site-related information. In this case, three of the eight factors below must be met:

- a. A period of time more than eight years from the beginning of the RI/FS through construction completion;
- b. Treatability studies or evaluation of new and innovative technologies are required as specified in the Feasibility Study ("FS");
- c. U.S. EPA reopens the Record of Decision;
- d. U.S. EPA designates one or more additional Operable Units after selection of the eligible community group;
- e. The lead agency for remedial actions issues an "Explanation of Significant Differences" ("ESD");

- f. A legislative or regulatory change results in significant new site information after Respondents select the eligible community group;
- g. Significant public concern exists, where large groups of people in the community require many meetings, copies, etc.; and
- h. Any other factor that, in Respondents' judgment, indicates that the Pines Area of Investigation is unusually complex.

M. Reimbursement of Costs Prior to Selection of An Eligible Community Group.

Prior to signing of the TAP Agreement, the only costs the P.I.N.E.S. may incur are costs associated with incorporation; however, the P.I.N.E.S. does so at its own risk. Respondents may reimburse the P.I.N.E.S. for preaward incorporation costs if the costs are:

- 1. Necessary and reasonable for incorporation; and
- 2. Incurred for the sole purpose of complying with the TAP requirement that

an eligible community group be incorporated as a nonprofit corporation.

N. Funding of Eligible Activities. Respondents will fund the P.I.N.E.S. for Eligible TAP Project Activities, Section II.H., up to the TAP funding amount if the group incurred the costs during the approved "project period" of the TAP Project (except for allowable costs of incorporation which may be incurred prior to the project period), and the group is legally required to pay those costs. Respondents will not fund the P.I.N.E.S. for Ineligible TAP Activities, Section II.I.

O. Funding Procedures. The P.I.N.E.S. shall provide Respondents, as needed, with a monthly Request for Disbursement, attached hereto as Exhibit 5, and Summary Request for Funding, attached hereto as Exhibit 6. The P.I.N.E.S. shall provide appropriate documentation,

as maintained pursuant to Section II.R., TAP Management System, Section II.S., Contractor Billing Packages, and Section II.G., Restriction on Administrative and Communication Costs, to support the Request for Disbursement. In addition, for any Request for Disbursement, the P.I.N.E.S. must describe in detail the scope of work and any deliverable generated for that scope of work. The P.I.N.E.S. shall send Request for Disbursements to:

Northern Indiana Public Service Company
Attention: Dan Sullivan
801 86th Avenue
Email: dsullivan@nisource.com
Merrillville, IN

and

Valerie Blumenfeld
Brown, Inc.
720 W. U.S. Highway. 20
Michigan City, IN 46360-6897
Email: vblumenfeld@bibtc.com

P. Payment Procedures. Unless Respondents request additional information from the P.I.N.E.S. or provide the P.I.N.E.S. with a notice of dispute regarding a Request for Disbursement, within thirty days of Respondents receiving a Request for Disbursement with accompanying documentation as set forth in Section II.O., Funding Procedures, Respondents will cause to be issued payments for approved amounts. To determine that payment is justified, Respondents reserve the right before making payments to review the Request for Disbursement, any accompanying documentation, and any documents generated as work product.

Q. Grounds for Not Funding. Respondents may ask U.S. EPA for resolution on any bill from the P.I.N.E.S. when the Respondents believe funds would be used for an ineligible activity. Respondents may decline to pay a Request for Disbursement, in whole or in part, to the extent Respondents decide the Request for Disbursement is for an Ineligible TAP Activity, as defined in Section II.I.

R. TAP Management System. The P.I.N.E.S. must maintain records that, at a minimum, include the following:

1. A general ledger that includes an accurate, current, and complete accounting of all financial transactions for the project;

2. The P.I.N.E.S. shall keep a journal with account balances and retain copies of cancelled checks;

3. All of the following:

a. Invoices;

b. Time sheets detailing the Project Manager's activities;

c. Work orders;

d. Receipts;

e. Letters and correspondence;

f. Accounting books and records covering receipt and disbursement of TAP Project funds;

g. Attendance records for meetings;

h. Travel costs for technical advisor(s);

i. Other project related costs, such as equipment;

j. Bank account records;

k. Any public notices or documents relating to public communications, including emails and mailings to the P.I.N.E.S. members;

l. Drafts, if any, and final versions of any and all documents generated by the P.I.N.E.S.' technical advisor(s); and

m. Minutes from meetings.

S. Contractor Billing Packages. The P.I.N.E.S. shall require its contractor(s), which includes technical advisor(s), to provide it with a monthly billing package. The P.I.N.E.S. must maintain such packages in its files, which at a minimum, should include:

1. Invoices indicating the period that the invoice covers, number of hours spent, a breakdown of the hourly rate, and a breakdown of expenditures (such as travel costs for that month);

2. Copies of all receipts for expenditures;

3. Monthly progress reports indicating the tasks accomplished, the number of hours associated with each task, and problems encountered; and

4. Time sheets detailing their activities with respect to the TAP Project.

T. Progress Reports. The P.I.N.E.S. must provide Respondents with monthly progress reports within 30 days of the end of each month, wherein the group provides a full description in chart or narrative format, see attached Exhibit 7 for an example of a Progress Report, of the progress the P.I.N.E.S. made in relation to its approved schedule, budget and the TAP Project milestones, including an explanation of special problems the P.I.N.E.S. encountered and any copies of technical documents or advisories generated in the 30 day period.

U. Final Report. The P.I.N.E.S. must provide Respondents within 90 days after the submittal of comments on the Proposed Plan under AOC II a description of project goals and objectives, activities undertaken to achieve goals and objectives, difficulties encountered, technical advisors' work products, and funds spent. Attached hereto, as Exhibit 8, is an example of a Final Report.

V. Use of Reports From Technical Advisor. On a timely basis, the P.I.N.E.S. must send to Respondents any drafts and final written product that a P.I.N.E.S. advisor prepares for the group as part of the TAP Project, and to Respondents and U.S. EPA a copy of each final written document that a P.I.N.E.S. advisor prepares as part of the TAP Project.

W. Purpose of Hiring a Technical Advisor(s). The purpose of the P.I.N.E.S. in hiring a technical advisor(s) is to assist the P.I.N.E.S. to better understand the investigation process implemented in the RI/FS. The technical advisor's main responsibility is to educate the P.I.N.E.S. about the RI/FS procedures, processes, and results. Therefore, the technical advisor should devote most of his or her time to reviewing site-related documents and explaining those documents to the P.I.N.E.S. Notwithstanding, as work progresses, the technical advisor(s) may be asked to:

1. Act as liaison between the P.I.N.E.S. and the Respondents and government agencies;
2. Review site-related documents;
3. Interpret and explain information to community members;
4. Make site visits and attend meetings; and
5. Prepare reports, presentations, and questions on behalf of the P.I.N.E.S..

X. Identifying a Qualified Technical Advisor(s). The P.I.N.E.S. must select a technical advisor(s) who possesses the following credentials:

1. Demonstrates knowledge of hazardous substance or public health issues as those issues relate as appropriate to the Pines Area of Investigation;
2. Academic training in a relevant discipline (for example, biochemistry, toxicology, public health, environmental sciences, engineering, environmental law, or planning);

3. Ability to translate technical information into terms the P.I.N.E.S. and general public can understand;

4. The P.I.N.E.S. should select a technical advisor who has experience working on hazardous substance or public health issues, and communicating those issues to the public; and

5. Experience with the RI/FS process.

Y. Member and Employee Restrictions During Selection of Technical Advisor(s).

The P.I.N.E.S.' technical advisor(s), any group employee, and all group members must avoid any action that might result in, or create the appearance of, improper behavior (such as using their official positions for private gain or giving preferential treatment to someone). A member or employee of the P.I.N.E.S. shall not participate in the selection of the technical advisor(s) if any of the following persons or organizations has a financial interest in the contract with the technical advisor(s):

1. A member or employee of the P.I.N.E.S.;
2. A member of the member's or employee's immediate family;
3. A partner of the member or employee;
4. An organization (other than a public agency) in which the member or employee serves as an officer, director, trustee, partner, or employee; or
5. Any person or organization with whom the member or employee is negotiating or has any arrangement concerning potential employment.

Z. Restriction on Selection of Qualified Technical Advisor(s). The P.I.N.E.S. may not hire the following:

1. Any person(s) or organization(s) who is currently retained or will be retained in the future as a consulting and/or testifying expert or is a party to or potential witness in any judicial or administrative action or proceeding regarding the Pines Site, as defined in AOC II, in which one or more of the Respondents is a party or potential party.

AA. Process for Procuring Technical Advisor or Other Contractor. When procuring technical advisor(s) or other contracts over \$1,000, the P.I.N.E.S. will provide both U.S. EPA and the Respondents an opportunity to review the contract and advisor or contractor qualifications. The Respondents have the right to request U.S. EPA to review the contract(s) if the Respondents believe the contract is not appropriate.

BB. Conflict of Interests with Respect to Prospective Contractor. The P.I.N.E.S. must require any prospective contractor on any contract to meet certain requirements identified below. If, after evaluating the conflict of interest information, the P.I.N.E.S. decides a prospective contractor has a significant conflict of interest that cannot be avoided or otherwise resolved, the P.I.N.E.S. must exclude him or her from consideration. Any prospective contractor must provide, with its bid or proposal, the following and the P.I.N.E.S. must keep this information on file:

1. Information on its financial and business relationship with all potentially responsible parties ("PRPs") at the site, with PRP parent companies, subsidiaries, affiliates, subcontractors, contractors, and current clients or attorneys and agents. This disclosure requirement includes past and anticipated financial and business relationships, and services provided to or on behalf of such parties in connection with any proposed or pending litigation;

2. Certification that, to the best of its knowledge and belief, it has disclosed such information or no such information exists; and

3. A statement that it will disclose to the P.I.N.E.S. immediately any such information discovered after submission of its bid or after award.

CC. Responsibilities of Eligible Group with Respect to Procured Contractor. For contractual responsibilities, the P.I.N.E.S.:

1. Is responsible for resolving all contractual and administrative issues arising out of contracts the P.I.N.E.S. enters into under the TAP Project; and
2. Must ensure the contractor(s) perform(s) in accordance with the terms and conditions of the contract.

DD. Resolving Disagreement with Respondents. The P.I.N.E.S. and the Respondents shall: (1) cooperate with each other to effectuate the purposes of the TAP Project and TAP Agreement; (2) attempt to make decisions by consensus; and (3) attempt to resolve any disputes through good faith negotiations. In the absence of consensus with respect to the TAP Project, TAP Agreement, or any contract with a technical advisor or contractor, either the Respondents or the P.I.N.E.S. may submit the dispute to U.S. EPA for a resolution of the disagreement. If Respondents disagree with U.S. EPA's resolution of the disagreement, then Respondents may pursue relief pursuant to the Dispute Resolution (Section XIV.) provision set forth in AOC II.

EE. Termination of TAP Project.

1. U.S. EPA may terminate the P.I.N.E.S.' participation in the TAP Project if the group fails to comply with the terms and conditions of the TAP Agreement.
2. Respondents or P.I.N.E.S. may petition U.S. EPA for a judgement on any failure by the P.I.N.E.S. or the Respondents to adhere to the terms of the TAP Agreement.

FF. Closing Out TAP Project.

1. Within 90 calendar days after the end of the approved Project Period of the TAP Project, the P.I.N.E.S. must pay all bills related to the TAP Project.

2. The P.I.N.E.S. must return any unused cash that respondents advanced or paid within 90 calendar days after the end of the TAP Project.

GG. Integration. This TAP Agreement supersedes all prior communications regarding the matters contained herein between the signatories hereto and their representatives. This TAP Agreement, together with its attachments and exhibits, are an integrated agreement and contains the entire agreement regarding the matters herein between the Parties hereto. NO REPRESENTATIONS, WARRANTIES, OR PROMISES HAVE BEEN MADE OR RELIED ON BY ANY PARTY HERETO OTHER THAN AS SET FORTH HEREIN.

HH. Amendment. This TAP Agreement may not be amended or modified except by a written instrument signed by the Parties.

IN WITNESS WHEREOF, the Parties have executed this Agreement individually or by their duly authorized representatives.

**NORTHERN INDIANA PUBLIC
SERVICE COMPANY**

By: *Mark T. Maassel*

Printed: Mark T. Maassel

Title: President, NIPSCO

Date: 6/18/05

Subscribed and sworn to before me this
18th day of *June*, 2005.

Julie A. Shea
Notary Public

My commission expires: 2/14/07

BROWN INC.

By: *Valerie Blumenfeld*

Printed: Valerie Blumenfeld

Title: Authorized Representative

Date: 6-14-05

Subscribed and sworn to before me this
14th day of *June*, 2005.

Nancy C. Kalasinski
Notary Public

My commission expires: 8-22-07

DDALT CORP.

By: *Valerie Blumenfeld*
Printed: Valerie Blumenfeld

Title: Authorized Representative

Date: 6-14-05

Subscribed and sworn to before me this
14th day of June, 2005.

Nancy C. Kolasinski
Notary Public

My commission expires: 8-22-07

BULK TRANSPORT CORP.

By: *Valerie Blumenfeld*
Printed: Valerie Blumenfeld

Title: Authorized Representative

Date: 6-14-05

Subscribed and sworn to before me this
14th day of June, 2004.

Nancy C. Kolasinski
Notary Public

My commission expires: 8-22-07

People In Need of Environmental Safety

By: *James L. Prast Jr.*

Printed: JAMES L. PRAST JR

Title: President

Date: 6/8/05

Subscribed and sworn to before me this
8 day of June, 2005

Notary Public

Loree Bethune

My commission expires:

3-18-2011

CH2\1173982.2

Exhibit 1

CIRCULAR NO. A-122
Revised May 10, 2004

TO THE HEADS OF EXECUTIVE DEPARTMENTS AND ESTABLISHMENTS

SUBJECT: Cost Principles for Non-Profit Organizations

1. Purpose. This Circular establishes principles for determining costs of grants, contracts and other agreements with non-profit organizations. It does not apply to colleges and universities which are covered by Office of Management and Budget (OMB) Circular A-21, "Cost Principles for Educational Institutions"; State, local, and federally-recognized Indian tribal governments which are covered by OMB Circular A-87, "Cost Principles for State, Local, and Indian Tribal Governments"; or hospitals. The principles are designed to provide that the Federal Government bear its fair share of costs except where restricted or prohibited by law. The principles do not attempt to prescribe the extent of cost sharing or matching on grants, contracts, or other agreements. However, such cost sharing or matching shall not be accomplished through arbitrary limitations on individual cost elements by Federal agencies. Provision for profit or other increment above cost is outside the scope of this Circular.

2. Supersession. This Circular supersedes cost principles issued by individual agencies for non-profit organizations.

3. Applicability.

a. These principles shall be used by all Federal agencies in determining the costs of work performed by non-profit organizations under grants, cooperative agreements, cost reimbursement contracts, and other contracts in which costs are used in pricing, administration, or settlement. All of these instruments are hereafter referred to as awards. The principles do not apply to awards under which an organization is not required to account to the Federal Government for actual costs incurred.

b. All cost reimbursement subawards (subgrants, subcontracts, etc.) are subject to those Federal cost principles applicable to the particular organization concerned. Thus, if a subaward is to a non-profit organization, this Circular shall apply; if a subaward is to a commercial organization, the cost principles applicable to commercial concerns shall apply; if a subaward is to a college or university, Circular A-21 shall apply; if a subaward is to a State, local, or federally-recognized Indian tribal government, Circular A-87 shall apply.

4. Definitions.

a. Non-profit organization means any corporation, trust, association, cooperative, or other organization which:

(1) is operated primarily for scientific, educational, service, charitable, or similar purposes in the public interest;

(2) is not organized primarily for profit; and

(3) uses its net proceeds to maintain, improve, and/or expand its operations. For this purpose, the term "non-profit organization" excludes (i) colleges and universities; (ii) hospitals; (iii) State, local, and federally-recognized Indian tribal governments; and (iv) those non-profit organizations which are excluded from coverage of this Circular in accordance with paragraph 5.

b. Prior approval means securing the awarding agency's permission in advance to incur cost for those items that are designated as requiring prior approval by the Circular. Generally this permission will be in writing. Where an item of cost requiring prior approval is specified in the budget of an award, approval of the budget constitutes approval of that cost.

5. Exclusion of some non-profit organizations. Some non-profit organizations, because of their size and nature of operations, can be considered to be similar to commercial concerns for purpose of applicability of cost principles. Such non-profit organizations shall operate under Federal cost principles applicable to commercial concerns. A listing of these organizations is contained in Attachment C. Other organizations may be added from time to time.

6. Responsibilities. Agencies responsible for administering programs that involve awards to non-profit organizations shall implement the provisions of this Circular. Upon request, implementing instruction shall be furnished to OMB. Agencies shall designate a liaison official to serve as the agency representative on matters relating to the implementation of this Circular. The name and title of such representative shall be furnished to OMB within 30 days of the date of this Circular.

7. Attachments. The principles and related policy guides are set forth in the following Attachments:

Attachment A - General Principles

Attachment B - Selected Items of Cost

Attachment C - Non-Profit Organizations Not Subject To This Circular

8. Requests for exceptions. OMB may grant exceptions to the requirements of this Circular when permissible under existing law. However, in the interest of achieving maximum uniformity, exceptions will be permitted only in highly unusual circumstances.

9. Effective Date. The provisions of this Circular are effective immediately. Implementation shall be phased in by incorporating the provisions into new awards made after the start of the organization's next fiscal year. For existing awards, the new principles may be applied if an organization and the cognizant Federal agency agree. Earlier implementation, or a delay in

implementation of individual provisions, is also permitted by mutual agreement between an organization and the cognizant Federal agency.

16. **Inquiries.** Further information concerning this Circular may be obtained by contacting the Office of Federal Financial Management, OMB, Washington, DC 20503, telephone (202) 395-3993.

Attachments

ATTACHMENT A
Circular No. A-122

GENERAL PRINCIPLES

Table of Contents

A. Basic Considerations

1. Composition of total costs
2. Factors affecting allowability of costs
3. Reasonable costs
4. Allocable costs
5. Applicable credits
6. Advance understandings
7. Conditional exemptions

B. Direct Costs

C. Indirect Costs

D. Allocation of Indirect Costs and Determination of Indirect Cost Rates

1. General
2. Simplified allocation method
3. Multiple allocation base method
4. Direct allocation method
5. Special indirect cost rates

E. Negotiation and Approval of Indirect Cost Rates

1. Definitions

2. Negotiation and approval of rates

GENERAL PRINCIPLES

A. Basic Considerations

1. **Composition of total costs.** The total cost of an award is the sum of the allowable direct and allocable indirect costs less any applicable credits.

2. **Factors affecting allowability of costs.** To be allowable under an award, costs must meet the following general criteria:

a. Be reasonable for the performance of the award and be allocable thereto under these principles.

b. Conform to any limitations or exclusions set forth in these principles or in the award as to types or amount of cost items.

c. Be consistent with policies and procedures that apply uniformly to both federally-financed and other activities of the organization.

d. Be accorded consistent treatment.

e. Be determined in accordance with generally accepted accounting principles (GAAP).

f. Not be included as a cost or used to meet cost sharing or matching requirements of any other federally-financed program in either the current or a prior period.

g. Be adequately documented.

3. **Reasonable costs.** A cost is reasonable if, in its nature or amount, it does not exceed that which would be incurred by a prudent person under the circumstances prevailing at the time the decision was made to incur the costs. The question of the reasonableness of specific costs must be scrutinized with particular care in connection with organizations or separate divisions thereof which receive the preponderance of their support from awards made by Federal agencies. In determining the reasonableness of a given cost, consideration shall be given to:

a. Whether the cost is of a type generally recognized as ordinary and necessary for the operation of the organization or the performance of the award.

b. The restraints or requirements imposed by such factors as generally accepted sound business practices, arms length bargaining, Federal and State laws and regulations, and terms and conditions of the award.

c. Whether the individuals concerned acted with prudence in the circumstances, considering their responsibilities to the organization, its members, employees, and clients, the public at large, and the Federal Government.

d. Significant deviations from the established practices of the organization which may unjustifiably increase the award costs.

4. Allocable costs.

a. A cost is allocable to a particular cost objective, such as a grant, contract, project, service, or other activity, in accordance with the relative benefits received. A cost is allocable to a Federal award if it is treated consistently with other costs incurred for the same purpose in like circumstances and if it:

(1) Is incurred specifically for the award.

(2) Benefits both the award and other work and can be distributed in reasonable proportion to the benefits received, or

(3) Is necessary to the overall operation of the organization, although a direct relationship to any particular cost objective cannot be shown.

b. Any cost allocable to a particular award or other cost objective under these principles may not be shifted to other Federal awards to overcome funding deficiencies, or to avoid restrictions imposed by law or by the terms of the award.

5. Applicable credits.

a. The term applicable credits refers to those receipts, or reduction of expenditures which operate to offset or reduce expense items that are allocable to awards as direct or indirect costs. Typical examples of such transactions are: purchase discounts, rebates or allowances, recoveries or indemnities on losses, insurance refunds, and adjustments of overpayments or erroneous charges. To the extent that such credits accruing or received by the organization relate to allowable cost, they shall be credited to the Federal Government either as a cost reduction or cash refund, as appropriate.

b. In some instances, the amounts received from the Federal Government to finance organizational activities or service operations should be treated as applicable credits. Specifically, the concept of netting such credit items against related expenditures should be applied by the organization in determining the rates or amounts to be charged to Federal awards for services rendered whenever the facilities or other resources used in providing such services have been financed directly, in whole or in part, by Federal funds.

c. For rules covering program income (i.e., gross income earned from federally-supported activities) see Sec. __.24 of Office of Management and Budget (OMB) Circular A-110, "Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations."

6. Advance understandings. Under any given award, the reasonableness and allocability of certain items of costs may be difficult to determine. This is particularly true in connection with organizations that receive a preponderance of their support from Federal agencies. In order to avoid subsequent disallowance or dispute based on unreasonableness or nonallocability, it is often desirable to seek a written agreement with the cognizant or awarding agency in advance of the incurrence of special or unusual costs. The absence of an advance agreement on any element of cost will not, in itself, affect the reasonableness or allocability of that element.

7. Conditional exemptions.

a. OMB authorizes conditional exemption from OMB administrative requirements and cost principles circulars for certain Federal programs with statutorily-authorized consolidated planning and consolidated administrative funding, that are identified by a Federal agency and approved by the head of the Executive department or establishment. A Federal agency shall consult with OMB during its consideration of whether to grant such an exemption.

b. To promote efficiency in State and local program administration, when Federal non-entitlement programs with common purposes have specific statutorily-authorized consolidated planning and consolidated administrative funding and where most of the State agency's resources come from non-Federal sources, Federal agencies may exempt these covered State-administered, non-entitlement grant programs from certain OMB grants management requirements. The exemptions would be from all but the allocability of costs provisions of OMB Circulars A-87 (Attachment A, subsection C.3), "Cost Principles for State, Local, and Indian Tribal Governments," A-21 (Section C, subpart 4), "Cost Principles for Educational Institutions," and A-122 (Attachment A, subsection A.4), "Cost Principles for Non-Profit Organizations," and from all of the administrative requirements provisions of OMB Circular A-110, "Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations," and the agencies' grants management common rule.

c. When a Federal agency provides this flexibility, as a prerequisite to a State's exercising this option, a State must adopt its own written fiscal and administrative requirements for expending and accounting for all funds, which are consistent with the provisions of OMB Circular A-87, and extend such policies to all subrecipients. These fiscal and administrative requirements must be sufficiently specific to ensure that: funds are used in compliance with all applicable Federal statutory and regulatory provisions, costs are reasonable and necessary for operating these programs, and funds are not be used for general expenses required to carry out other responsibilities of a State or its subrecipients.

B. Direct Costs

1. Direct costs are those that can be identified specifically with a particular final cost objective, i.e., a particular award, project, service, or other direct activity of an organization. However, a cost may not be assigned to an award as a direct cost if any other cost incurred for the same purpose, in like circumstance, has been allocated to an award as an indirect cost. Costs identified specifically with awards are direct costs of the awards and are to be assigned directly thereto. Costs identified specifically with other final cost

objectives of the organization are direct costs of those cost objectives and are not to be assigned to other awards directly or indirectly.

2. Any direct cost of a minor amount may be treated as an indirect cost for reasons of practicality where the accounting treatment for such cost is consistently applied to all final cost objectives.

3. The cost of certain activities are not allowable as charges to Federal awards (see, for example, fundraising costs in paragraph 17 of Attachment B). However, even though these costs are unallowable for purposes of computing charges to Federal awards, they nonetheless must be treated as direct costs for purposes of determining indirect cost rates and be allocated their share of the organization's indirect costs if they represent activities which (1) include the salaries of personnel, (2) occupy space, and (3) benefit from the organization's indirect costs.

4. The costs of activities performed primarily as a service to members, clients, or the general public when significant and necessary to the organization's mission must be treated as direct costs whether or not allowable and be allocated an equitable share of indirect costs. Some examples of these types of activities include:

a. Maintenance of membership rolls, subscriptions, publications, and related functions.

b. Providing services and information to members, legislative or administrative bodies, or the public.

c. Promotion, lobbying, and other forms of public relations.

d. Meetings and conferences except those held to conduct the general administration of the organization.

e. Maintenance, protection, and investment of special funds not used in operation of the organization.

f. Administration of group benefits on behalf of members or clients, including life and hospital insurance, annuity or retirement plans, financial aid, etc.

C. Indirect Costs

1. Indirect costs are those that have been incurred for common or joint objectives and cannot be readily identified with a particular final cost objective. Direct cost of minor amounts may be treated as indirect costs under the conditions described in subparagraph B.2. After direct costs have been determined and assigned directly to awards or other work as appropriate, indirect costs are those remaining to be allocated to benefiting cost objectives. A cost may not be allocated to an award as an indirect cost if any other cost incurred for the same purpose, in like circumstances, has been assigned to an award as a direct cost.

2. Because of the diverse characteristics and accounting practices of non-profit organizations, it is not possible to specify the types of cost which may be classified as indirect cost in all situations. However, typical examples of indirect cost for many non-profit organizations may include depreciation or

use allowances on buildings and equipment, the costs of operating and maintaining facilities, and general administration and general expenses, such as the salaries and expenses of executive officers, personnel administration, and accounting.

3. Indirect costs shall be classified within two broad categories: "Facilities" and "Administration." "Facilities" is defined as depreciation and use allowances on buildings, equipment and capital improvement, interest on debt associated with certain buildings, equipment and capital improvements, and operations and maintenance expenses. "Administration" is defined as general administration and general expenses such as the director's office, accounting, personnel, library expenses and all other types of expenditures not listed specifically under one of the subcategories of "Facilities" (including cross allocations from other pools, where applicable). See indirect cost rate reporting requirements in subparagraphs D.2.e and D.3.g.

D. Allocation of Indirect Costs and Determination of Indirect Cost Rates

1. General.

a. Where a non-profit organization has only one major function, or where all its major functions benefit from its indirect costs to approximately the same degree, the allocation of indirect costs and the computation of an indirect cost rate may be accomplished through simplified allocation procedures, as described in subparagraph 2.

b. Where an organization has several major functions which benefit from its indirect costs in varying degrees, allocation of indirect costs may require the accumulation of such costs into separate cost groupings which then are allocated individually to benefiting functions by means of a base which best measures the relative degree of benefit. The indirect costs allocated to each function are then distributed to individual awards and other activities included in that function by means of an indirect cost rate(s).

c. The determination of what constitutes an organization's major functions will depend on its purpose in being; the types of services it renders to the public, its clients, and its members; and the amount of effort it devotes to such activities as fundraising, public information and membership activities.

d. Specific methods for allocating indirect costs and computing indirect cost rates along with the conditions under which each method should be used are described in subparagraphs 2 through 5.

e. The base period for the allocation of indirect costs is the period in which such costs are incurred and accumulated for allocation to work performed in that period. The base period normally should coincide with the organization's fiscal year but, in any event, shall be so selected as to avoid inequities in the allocation of the costs.

2. Simplified allocation method

a. Where an organization's major functions benefit from its indirect costs to approximately the same degree, the allocation of indirect costs may be accomplished by (i) separating the organization's total costs for the base period as either direct or indirect, and (ii) dividing the total allowable indirect costs (net of applicable credits) by an equitable

distribution base. The result of this process is an indirect cost rate which is used to distribute indirect costs to individual awards. The rate should be expressed as the percentage which the total amount of allowable indirect costs bears to the base selected. This method should also be used where an organization has only one major function encompassing a number of individual projects or activities, and may be used where the level of Federal awards to an organization is relatively small.

b. Both the direct costs and the indirect costs shall exclude capital expenditures and unallowable costs. However, unallowable costs which represent activities must be included in the direct costs under the conditions described in subparagraph B.3.

c. The distribution base may be total direct costs (excluding capital expenditures and other distorting items, such as major subcontracts or subgrants), direct salaries and wages, or other base which results in an equitable distribution. The distribution base shall generally exclude participant support costs as defined in paragraph 32 of Attachment B.

d. Except where a special rate(s) is required in accordance with subparagraph 5, the indirect cost rate developed under the above principles is applicable to all awards at the organization. If a special rate(s) is required, appropriate modifications shall be made in order to develop the special rate(s).

e. For an organization that receives more than \$10 million in Federal funding of direct costs in a fiscal year, a breakout of the indirect cost component into two broad categories, Facilities and Administration as defined in subparagraph C.3, is required. The rate in each case shall be stated as the percentage which the amount of the particular indirect cost category (i.e., Facilities or Administration) is of the distribution base identified with that category.

3. Multiple allocation base method

a. General. Where an organization's indirect costs benefit its major functions in varying degrees, indirect costs shall be accumulated into separate cost groupings, as described in subparagraph b. Each grouping shall then be allocated individually to benefitting functions by means of a base which best measures the relative benefits. The default allocation bases by cost pool are described in subparagraph c.

b. Identification of indirect costs. Cost groupings shall be established so as to permit the allocation of each grouping on the basis of benefits provided to the major functions. Each grouping shall constitute a pool of expenses that are of like character in terms of functions they benefit and in terms of the allocation base which best measures the relative benefits provided to each function. The groupings are classified within the two broad categories: "Facilities" and "Administration," as described in subparagraph C.3. The indirect cost pools are defined as follows:

(1) Depreciation and use allowances. The expenses under this heading are the portion of the costs of the organization's buildings, capital improvements to land and buildings, and equipment which are computed in accordance with paragraph 11 of Attachment B ("Depreciation and use allowances").

(2) Interest. Interest on debt associated with certain buildings, equipment and capital improvements are computed in accordance with paragraph 23 of Attachment B "Interest".

(3) Operation and maintenance expenses. The expenses under this heading are those that have been incurred for the administration, operation, maintenance, preservation, and protection of the organization's physical plant. They include expenses normally incurred for such items as: janitorial and utility services; repairs and ordinary or normal alterations of buildings, furniture and equipment; care of grounds; maintenance and operation of buildings and other plant facilities; security; earthquake and disaster preparedness; environmental safety; hazardous waste disposal; property, liability and other insurance relating to property; space and capital leasing; facility planning and management; and, central receiving. The operation and maintenance expenses category shall also include its allocable share of fringe benefit costs, depreciation and use allowances, and interest costs.

(4) General administration and general expenses. The expenses under this heading are those that have been incurred for the overall general executive and administrative offices of the organization and other expenses of a general nature which do not relate solely to any major function of the organization. This category shall also include its allocable share of fringe benefit costs, operation and maintenance expense, depreciation and use allowances, and interest costs. Examples of this category include central offices, such as the director's office, the office of finance, business services, budget and planning, personnel, safety and risk management, general counsel, management information systems, and library costs.

In developing this cost pool, special care should be exercised to ensure that costs incurred for the same purpose in like circumstances are treated consistently as either direct or indirect costs. For example, salaries of technical staff, project supplies, project publication, telephone toll charges, computer costs, travel costs, and specialized services costs shall be treated as direct costs wherever identifiable to a particular program. The salaries and wages of administrative and pooled clerical staff should normally be treated as indirect costs. Direct charging of these costs may be appropriate where a major project or activity explicitly requires and budgets for administrative or clerical services and other individuals involved can be identified with the program or activity. Items such as office supplies, postage, local telephone costs, periodicals and memberships should normally be treated as indirect costs.

c. Allocation bases. Actual conditions shall be taken into account in selecting the base to be used in allocating the expenses in each grouping to benefitting functions. The essential consideration in selecting a method or a base is that it is the one best suited for assigning the pool of costs to cost objectives in accordance with benefits derived; a traceable cause and effect relationship; or logic and reason, where neither the cause nor the effect of the relationship is determinable. When an allocation can be made by assignment of a cost grouping directly to the function benefited, the allocation shall be made in that manner. When the expenses in a cost grouping are more general in nature, the allocation shall be made through the use of a selected base which produces results that are equitable to both the Federal Government and the organization. The distribution shall be made in accordance with the bases described herein unless it can be demonstrated that the use of a different base would result in a more equitable allocation of the costs, or that a more readily available base would not increase the costs charged to sponsored awards. The results of

special cost studies (such as an engineering utility study) shall not be used to determine and allocate the indirect costs to sponsored awards.

(1) Depreciation and use allowances. Depreciation and use allowances expenses shall be allocated in the following manner:

(a) Depreciation or use allowances on buildings used exclusively in the conduct of a single function, and on capital improvements and equipment used in such buildings, shall be assigned to that function.

(b) Depreciation or use allowances on buildings used for more than one function, and on capital improvements and equipment used in such buildings, shall be allocated to the individual functions performed in each building on the basis of usable square feet of space, excluding common areas, such as hallways, stairwells, and restrooms.

(c) Depreciation or use allowances on buildings, capital improvements and equipment related space (e.g., individual rooms, and laboratories) used jointly by more than one function (as determined by the users of the space) shall be treated as follows. The cost of each jointly used unit of space shall be allocated to the benefitting functions on the basis of:

(i) the employees and other users on a full-time equivalent (FTE) basis or salaries and wages of those individual functions benefitting from the use of that space; or

(ii) organization-wide employee FTEs or salaries and wages applicable to the benefitting functions of the organization.

(d) Depreciation or use allowances on certain capital improvements to land, such as paved parking areas, fences, sidewalks, and the like, not included in the cost of buildings, shall be allocated to user categories on a FTE basis and distributed to major functions in proportion to the salaries and wages of all employees applicable to the functions.

(2) Interest. Interest costs shall be allocated in the same manner as the depreciation or use allowances on the buildings, equipment and capital equipments to which the interest relates.

(3) Operation and maintenance expenses. Operation and maintenance expenses shall be allocated in the same manner as the depreciation and use allowances.

(4) General administration and general expenses. General administration and general expenses shall be allocated to benefitting functions based on modified total direct costs (MTDC), as described in subparagraph D.3.f. The expenses included in this category could be grouped first according to major functions of the organization to which they render services or provide benefits. The aggregate expenses of each group shall then be allocated to benefitting functions based on MTDC.

d. Order of distribution.

(1) Indirect cost categories consisting of depreciation and use allowances, interest, operation and maintenance, and general administration

and general expenses shall be allocated in that order to the remaining indirect cost categories as well as to the major functions of the organization. Other cost categories could be allocated in the order determined to be most appropriate by the organization. When cross allocation of costs is made as provided in subparagraph 2), this order of allocation does not apply.

(2) Normally, an indirect cost category will be considered closed once it has been allocated to other cost objectives, and costs shall not be subsequently allocated to it. However, a cross allocation of costs between two or more indirect costs categories could be used if such allocation will result in a more equitable allocation of costs. If a cross allocation is used, an appropriate modification to the composition of the indirect cost categories is required.

e. Application of indirect cost rate or rates. Except where a special indirect cost rate(s) is required in accordance with subparagraph D.5, the separate groupings of indirect costs allocated to each major function shall be aggregated and treated as a common pool for that function. The costs in the common pool shall then be distributed to individual awards included in that function by use of a single indirect cost rate.

f. Distribution basis. Indirect costs shall be distributed to applicable sponsored awards and other benefitting activities within each major function on the basis of MTDC. MTDC consists of all salaries and wages, fringe benefits, materials and supplies, services, travel, and subgrants and subcontracts up to the first \$25,000 of each subgrant or subcontract (regardless of the period covered by the subgrant or subcontract). Equipment, capital expenditures, charges for patient care, rental costs and the portion in excess of \$25,000 shall be excluded from MTDC. Participant support costs shall generally be excluded from MTDC. Other items may only be excluded when the Federal cost cognizant agency determines that an exclusion is necessary to avoid a serious inequity in the distribution of indirect costs.

g. Individual Rate Components. An indirect cost rate shall be determined for each separate indirect cost pool developed. The rate in each case shall be stated as the percentage which the amount of the particular indirect cost pool is of the distribution base identified with that pool. Each indirect cost rate negotiation or determination agreement shall include development of the rate for each indirect cost pool as well as the overall indirect cost rate. The indirect cost pools shall be classified within two broad categories: "Facilities" and "Administration," as described in subparagraph C.3.

4. Direct allocation method.

a. Some non-profit organizations treat all costs as direct costs except general administration and general expenses. These organizations generally separate their costs into three basic categories: (i) General administration and general expenses, (ii) fundraising, and (iii) other direct functions (including projects performed under Federal awards). Joint costs, such as depreciation, rental costs, operation and maintenance of facilities, telephone expenses, and the like are prorated individually as direct costs to each category and to each award or other activity using a base most appropriate to the particular cost being prorated.

b. This method is acceptable, provided each joint cost is prorated using a base which accurately measures the benefits provided to each award or

other activity. The bases must be established in accordance with reasonable criteria, and be supported by current data. This method is compatible with the Standards of Accounting and Financial Reporting for Voluntary Health and Welfare Organizations issued jointly by the National Health Council, Inc., the National Assembly of Voluntary Health and Social Welfare Organizations, and the United Way of America.

c. Under this method, indirect costs consist exclusively of general administration and general expenses. In all other respects, the organization's indirect cost rates shall be computed in the same manner as that described in subparagraph 2.

5. Special indirect cost rates. In some instances, a single indirect cost rate for all activities of an organization or for each major function of the organization may not be appropriate, since it would not take into account those different factors which may substantially affect the indirect costs applicable to a particular segment of work. For this purpose, a particular segment of work may be that performed under a single award or it may consist of work under a group of awards performed in a common environment. These factors may include the physical location of the work, the level of administrative support required, the nature of the facilities or other resources employed, the scientific disciplines or technical skills involved, the organizational arrangements used, or any combination thereof. When a particular segment of work is performed in an environment which appears to generate a significantly different level of indirect costs, provisions should be made for a separate indirect cost pool applicable to such work. The separate indirect cost pool should be developed during the course of the regular allocation process, and the separate indirect cost rate resulting therefrom should be used, provided it is determined that (i) the rate differs significantly from that which would have been obtained under subparagraphs 2, 3, and 4, and (ii) the volume of work to which the rate would apply is material.

E. Negotiation and Approval of Indirect Cost Rates

1. Definitions. As used in this section, the following terms have the meanings set forth below:

a. Cognizant agency means the Federal agency responsible for negotiating and approving indirect cost rates for a non-profit organization on behalf of all Federal agencies.

b. Predetermined rate means an indirect cost rate, applicable to a specified current or future period, usually the organization's fiscal year. The rate is based on an estimate of the costs to be incurred during the period. A predetermined rate is not subject to adjustment.

c. Fixed rate means an indirect cost rate which has the same characteristics as a predetermined rate, except that the difference between the estimated costs and the actual costs of the period covered by the rate is carried forward as an adjustment to the rate computation of a subsequent period.

d. Final rate means an indirect cost rate applicable to a specified past period which is based on the actual costs of the period. A final rate is not subject to adjustment.

e. Provisional rate or billing rate means a temporary indirect cost rate applicable to a specified period which is used for funding, interim reimbursement, and reporting indirect costs on awards pending the establishment of a final rate for the period.

f. Indirect cost proposal means the documentation prepared by an organization to substantiate its claim for the reimbursement of indirect costs. This proposal provides the basis for the review and negotiation leading to the establishment of an organization's indirect cost rate.

g. Cost objective means a function, organizational subdivision, contract, grant, or other work unit for which cost data are desired and for which provision is made to accumulate and measure the cost of processes, projects, jobs and capitalized projects.

2. Negotiation and approval of rates.

a. Unless different arrangements are agreed to by the agencies concerned, the Federal agency with the largest dollar value of awards with an organization will be designated as the cognizant agency for the negotiation and approval of the indirect cost rates and, where necessary, other rates such as fringe benefit and computer charge-out rates. Once an agency is assigned cognizance for a particular non-profit organization, the assignment will not be changed unless there is a major long-term shift in the dollar volume of the Federal awards to the organization. All concerned Federal agencies shall be given the opportunity to participate in the negotiation process but, after a rate has been agreed upon, it will be accepted by all Federal agencies. When a Federal agency has reason to believe that special operating factors affecting its awards necessitate special indirect cost rates in accordance with subparagraph D.5, it will, prior to the time the rates are negotiated, notify the cognizant agency.

b. A non-profit organization which has not previously established an indirect cost rate with a Federal agency shall submit its initial indirect cost proposal immediately after the organization is advised that an award will be made and, in no event, later than three months after the effective date of the award.

c. Organizations that have previously established indirect cost rates must submit a new indirect cost proposal to the cognizant agency within six months after the close of each fiscal year.

d. A predetermined rate may be negotiated for use on awards where there is reasonable assurance, based on past experience and reliable projection of the organization's costs, that the rate is not likely to exceed a rate based on the organization's actual costs.

e. Fixed rates may be negotiated where predetermined rates are not considered appropriate. A fixed rate, however, shall not be negotiated if (i) all or a substantial portion of the organization's awards are expected to expire before the carry-forward adjustment can be made; (ii) the mix of Federal and non-Federal work at the organization is too erratic to permit an equitable carry-forward adjustment; or (iii) the organization's operations fluctuate significantly from year to year.

f. Provisional and final rates shall be negotiated where neither predetermined nor fixed rates are appropriate.

g. The results of each negotiation shall be formalized in a written agreement between the cognizant agency and the non-profit organization. The cognizant agency shall distribute copies of the agreement to all concerned Federal agencies.

h. If a dispute arises in a negotiation of an indirect cost rate between the cognizant agency and the non-profit organization, the dispute shall be resolved in accordance with the appeals procedures of the cognizant agency.

i. To the extent that problems are encountered among the Federal agencies in connection with the negotiation and approval process, OMB will lend assistance as required to resolve such problems in a timely manner.

SELECTED ITEMS OF COST

Table of Contents

1. Advertising and public relations costs
2. Advisory councils
3. Alcoholic beverages
4. Audit costs and related services
5. Bad debts
6. Bonding costs
7. Communication costs
8. Compensation for personal services
9. Contingency provisions
10. Defense and prosecution of criminal and civil proceedings, claims, appeals and patent infringement
11. Depreciation and use allowances
12. Donations and contributions
13. Employee morale, health, and welfare costs
14. Entertainment costs
15. Equipment and other capital expenditures
16. Fines and penalties
17. Fund raising and investment management costs
18. Gains and losses on depreciable assets
19. Goods or services for personal use
20. Housing and personal living expenses
21. Idle facilities and idle capacity
22. Insurance and indemnification
23. Interest
24. Labor relations costs
25. Lobbying
26. Losses on other sponsored agreements or contracts
27. Maintenance and repair costs
28. Materials and supplies costs
29. Meetings and conferences
30. Memberships, subscriptions, and professional activity costs
31. Organization costs
32. Page charges in professional journals
33. Participant support costs
34. Patent costs
35. Plant and homeland security costs
36. Pre-agreement costs
37. Professional services costs
38. Publication and printing costs
39. Rearrangement and alteration costs
40. Reconversion costs
41. Recruiting costs
42. Relocation costs
43. Rental costs of buildings and equipment
44. Royalties and other costs for use of patents and copyrights
45. Selling and marketing
46. Specialized service facilities
47. Taxes
48. Termination costs applicable to sponsored agreements

- 49. Training costs
- 50. Transportation costs
- 51. Travel costs
- 52. Trustees

SELECTED ITEMS OF COST

Paragraphs 1 through 53 provide principles to be applied in establishing the allowability of certain items of cost. These principles apply whether a cost is treated as direct or indirect. Failure to mention a particular item of cost is not intended to imply that it is unallowable; rather, determination as to allowability in each case should be based on the treatment or principles provided for similar or related items of cost.

1. Advertising and public relations costs.

a. The term advertising costs means the costs of advertising media and corollary administrative costs. Advertising media include magazines, newspapers, radio and television, direct mail, exhibits, electronic or computer transmittals, and the like.

b. The term public relations includes community relations and means those activities dedicated to maintaining the image of the non-profit organization or maintaining or promoting understanding and favorable relations with the community or public at large or any segment of the public.

c. The only allowable advertising costs are those which are solely for:

(1) The recruitment of personnel required for the performance by the non-profit organization of obligations arising under a Federal award (See also Attachment B, paragraph 41, Recruiting costs, and paragraph 42, Relocation costs);

(2) The procurement of goods and services for the performance of a Federal award;

(3) The disposal of scrap or surplus materials acquired in the performance of a Federal award except when non-profit organizations are reimbursed for disposal costs at a predetermined amount; or

(4) Other specific purposes necessary to meet the requirements of the Federal award.

d. The only allowable public relations costs are:

(1) Costs specifically required by the Federal award;

(2) Costs of communicating with the public and press pertaining to specific activities or accomplishments which result from performance of Federal awards (these costs are considered necessary as part of the outreach effort for the Federal award); or

(3) Costs of conducting general liaison with news media and government public relations officers, to the extent that such activities are limited to communication and liaison necessary keep the public informed on matters of public concern, such as notices of Federal contract/grant awards, financial matters, etc.

e. Costs identified in subparagraphs c and d if incurred for more than one Federal award or for both sponsored work and other work of the non-profit organization, are allowable to the extent that the principles in Attachment A, paragraphs B. ("Direct Costs") and C. ("Indirect Costs") are observed.

f. Unallowable advertising and public relations costs include the following:

(1) All advertising and public relations costs other than as specified in subparagraphs c, d, and e;

(2) Costs of meetings, conventions, convocations, or other events related to other activities of the non-profit organization, including:

(a) Costs of displays, demonstrations, and exhibits;

(b) Costs of meeting rooms, hospitality suites, and other special facilities used in conjunction with shows and other special events; and

(c) Salaries and wages of employees engaged in setting up and displaying exhibits, making demonstrations, and providing briefings;

(3) Costs of promotional items and memorabilia, including models, gifts, and souvenirs;

(4) Costs of advertising and public relations designed solely to promote the non-profit organization.

2. Advisory Councils

Costs incurred by advisory councils or committees are allowable as a direct cost where authorized by the Federal awarding agency or as an indirect cost where allocable to Federal awards.

3. Alcoholic beverages. Costs of alcoholic beverages are unallowable.

4. Audit costs and related services

a. The costs of audits required by , and performed in accordance with, the Single Audit Act, as implemented by Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations" are allowable. Also see 31 USC 7505(b) and section 230 ("Audit Costs") of Circular A-133.

b. Other audit costs are allowable if included in an indirect cost rate proposal, or if specifically approved by the awarding agency as a direct cost to an award.

c. The cost of agreed-upon procedures engagements to monitor subrecipients who are exempted from A-133 under section 200(d) are allowable, subject to the conditions listed in A-133, section 230 (b) (2).

5. **Bad debts.** Bad debts, including losses (whether actual or estimated) arising from uncollectable accounts and other claims, related collection costs, and related legal costs, are unallowable.

6. **Bonding costs.**

a. Bonding costs arise when the Federal Government requires assurance against financial loss to itself or others by reason of the act or default of the non-profit organization. They arise also in instances where the non-profit organization requires similar assurance. Included are such bonds as bid, performance, payment, advance payment, infringement, and fidelity bonds.

b. Costs of bonding required pursuant to the terms of the award are allowable.

c. Costs of bonding required by the non-profit organization in the general conduct of its operations are allowable to the extent that such bonding is in accordance with sound business practice and the rates and premiums are reasonable under the circumstances.

7. **Communication costs.** Costs incurred for telephone services, local and long distance telephone calls, telegrams, postage, messenger, electronic or computer transmittal services and the like are allowable.

8. **Compensation for personal services.**

a. **Definition.** Compensation for personal services includes all compensation paid currently or accrued by the organization for services of employees rendered during the period of the award (except as otherwise provided in subparagraph h). It includes, but is not limited to, salaries, wages, director's and executive committee member's fees, incentive awards, fringe benefits, pension plan costs, allowances for off-site pay, incentive pay, location allowances, hardship pay, and cost of living differentials.

b. **Allowability.** Except as otherwise specifically provided in this paragraph, the costs of such compensation are allowable to the extent that:

(1) Total compensation to individual employees is reasonable for the services rendered and conforms to the established policy of the organization consistently applied to both Federal and non-Federal activities; and

(2) Charges to awards whether treated as direct or indirect costs are determined and supported as required in this paragraph.

c. **Reasonableness.**

(1) When the organization is predominantly engaged in activities other than those sponsored by the Federal Government, compensation for employees on federally-sponsored work will be considered reasonable to the extent that it is consistent with that paid for similar work in the organization's other activities.

(2) When the organization is predominantly engaged in federally-sponsored activities and in cases where the kind of employees required for the Federal activities are not found in the organization's other activities,

compensation for employees on federally-sponsored work will be considered reasonable to the extent that it is comparable to that paid for similar work in the labor markets in which the organization competes for the kind of employees involved.

d. Special considerations in determining allowability. Certain conditions require special consideration and possible limitations in determining costs under Federal awards where amounts or types of compensation appear unreasonable. Among such conditions are the following:

(1) Compensation to members of non-profit organizations, trustees, directors, associates, officers, or the immediate families thereof. Determination should be made that such compensation is reasonable for the actual personal services rendered rather than a distribution of earnings in excess of costs.

(2) Any change in an organization's compensation policy resulting in a substantial increase in the organization's level of compensation, particularly when it was concurrent with an increase in the ratio of Federal awards to other activities of the organization or any change in the treatment of allowability of specific types of compensation due to changes in Federal policy.

e. Unallowable costs. Costs which are unallowable under other paragraphs of this Attachment shall not be allowable under this paragraph solely on the basis that they constitute personal compensation.

f. Overtime, extra-pay shift, and multi-shift premiums. Premiums for overtime, extra-pay shifts, and multi-shift work are allowable only with the prior approval of the awarding agency except:

(1) When necessary to cope with emergencies, such as those resulting from accidents, natural disasters, breakdowns of equipment, or occasional operational bottlenecks of a sporadic nature.

(2) When employees are performing indirect functions, such as administration, maintenance, or accounting.

(3) In the performance of tests, laboratory procedures, or other similar operations which are continuous in nature and cannot reasonably be interrupted or otherwise completed.

(4) When lower overall cost to the Federal Government will result.

g. Fringe benefits.

(1) Fringe benefits in the form of regular compensation paid to employees during periods of authorized absences from the job, such as vacation leave, sick leave, military leave, and the like, are allowable, provided such costs are absorbed by all organization activities in proportion to the relative amount of time or effort actually devoted to each.

(2) Fringe benefits in the form of employer contributions or expenses for social security, employee insurance, workmen's compensation insurance, pension plan costs (see subparagraph h), and the like, are allowable, provided such benefits are granted in accordance with established written organization policies. Such benefits whether treated as indirect costs or as direct costs, shall be distributed to particular awards and other activities in

a manner consistent with the pattern of benefits accruing to the individuals or group of employees whose salaries and wages are chargeable to such awards and other activities.

(3) (a) Provisions for a reserve under a self-insurance program for unemployment compensation or workers' compensation are allowable to the extent that the provisions represent reasonable estimates of the liabilities for such compensation, and the types of coverage, extent of coverage, and rates and premiums would have been allowable had insurance been purchased to cover the risks. However, provisions for self-insured liabilities which do not become payable for more than one year after the provision is made shall not exceed the present value of the liability.

(b) Where an organization follows a consistent policy of expensing actual payments to, or on behalf of, employees or former employees for unemployment compensation or workers' compensation, such payments are allowable in the year of payment with the prior approval of the awarding agency, provided they are allocated to all activities of the organization.

(4) Costs of insurance on the lives of trustees, officers, or other employees holding positions of similar responsibility are allowable only to the extent that the insurance represents additional compensation. The costs of such insurance when the organization is named as beneficiary are unallowable.

h. Organization-furnished automobiles. That portion of the cost of organization-furnished automobiles that relates to personal use by employees (including transportation to and from work) is unallowable as fringe benefit or indirect costs regardless of whether the cost is reported as taxable income to the employees. These costs are allowable as direct costs to sponsored award when necessary for the performance of the sponsored award and approved by awarding agencies.

i. Pension plan costs.

(1) Costs of the organization's pension plan which are incurred in accordance with the established policies of the organization are allowable, provided:

(a) Such policies meet the test of reasonableness;

(b) The methods of cost allocation are not discriminatory;

(c) The cost assigned to each fiscal year is determined in accordance with generally accepted accounting principles (GAAP), as prescribed in Accounting Principles Board Opinion No. 8 issued by the American Institute of Certified Public Accountants; and

(d) The costs assigned to a given fiscal year are funded for all plan participants within six months after the end of that year. However, increases to normal and past service pension costs caused by a delay in funding the actuarial liability beyond 30 days after each quarter of the year to which such costs are assignable are unallowable.

(2) Pension plan termination insurance premiums paid pursuant to the Employee Retirement Income Security Act (ERISA) of 1974 (Pub. L. 93-406) are allowable. Late payment charges on such premiums are unallowable.

(3) Excise taxes on accumulated funding deficiencies and other penalties imposed under ERISA are unallowable.

j. Incentive compensation. Incentive compensation to employees based on cost reduction, or efficient performance, suggestion awards, safety awards, etc., are allowable to the extent that the overall compensation is determined to be reasonable and such costs are paid or accrued pursuant to an agreement entered into in good faith between the organization and the employees before the services were rendered, or pursuant to an established plan followed by the organization so consistently as to imply, in effect, an agreement to make such payment.

k. Severance pay.

(1) Severance pay, also commonly referred to as dismissal wages, is a payment in addition to regular salaries and wages, by organizations to workers whose employment is being terminated. Costs of severance pay are allowable only to the extent that in each case, it is required by

- (a) law,
- (b) employer-employee agreement,
- (c) established policy that constitutes, in effect, an implied agreement on the organization's part, or
- (d) circumstances of the particular employment.

(2) Costs of severance payments are divided into two categories as follows:

(a) Actual normal turnover severance payments shall be allocated to all activities; or, where the organization provides for a reserve for normal severances, such method will be acceptable if the charge to current operations is reasonable in light of payments actually made for normal severances over a representative past period, and if amounts charged are allocated to all activities of the organization.

(b) Abnormal or mass severance pay is of such a conjectural nature that measurement of costs by means of an accrual will not achieve equity to both parties. Thus, accruals for this purpose are not allowable. However, the Federal Government recognizes its obligation to participate, to the extent of its fair share, in any specific payment. Thus, allowability will be considered on a case-by-case basis in the event or occurrence.

(c) Costs incurred in certain severance pay packages (commonly known as "a golden parachute" payment) which are in an amount in excess of the normal severance pay paid by the organization to an employee upon termination of employment and are paid to the employee contingent upon a change in management control over, or ownership of, the organization's assets are unallowable.

(d) Severance payments to foreign nationals employed by the organization outside the United States, to the extent that the amount exceeds the customary or prevailing practices for the organization in the United States are unallowable, unless they are necessary for the performance of Federal programs and approved by awarding agencies.

(e) Severance payments to foreign nationals employed by the organization outside the United States due to the termination of the foreign national as a result of the closing of, or curtailment of activities by, the organization in that country, are unallowable, unless they are necessary for the performance of Federal programs and approved by awarding agencies.

1. Training costs. See paragraph 49.

m. Support of salaries and wages.

(1) Charges to awards for salaries and wages, whether treated as direct costs or indirect costs, will be based on documented payrolls approved by a responsible official(s) of the organization. The distribution of salaries and wages to awards must be supported by personnel activity reports, as prescribed in subparagraph (2), except when a substitute system has been approved in writing by the cognizant agency. (See subparagraph 3.2 of Attachment A.)

(2) Reports reflecting the distribution of activity of each employee must be maintained for all staff members (professionals and nonprofessionals) whose compensation is charged, in whole or in part, directly to awards. In addition, in order to support the allocation of indirect costs, such reports must also be maintained for other employees whose work involves two or more functions or activities if a distribution of their compensation between such functions or activities is needed in the determination of the organization's indirect cost rate(s) (e.g., an employee engaged part-time in indirect cost activities and part-time in a direct function). Reports maintained by non-profit organizations to satisfy these requirements must meet the following standards:

(a) The reports must reflect an after-the-fact determination of the actual activity of each employee. Budget estimates (i.e., estimates determined before the services are performed) do not qualify as support for charges to awards.

(b) Each report must account for the total activity for which employees are compensated and which is required in fulfillment of their obligations to the organization.

(c) The reports must be signed by the individual employee, or by a responsible supervisory official having first hand knowledge of the activities performed by the employee, that the distribution of activity represents a reasonable estimate of the actual work performed by the employee during the periods covered by the reports.

(d) The reports must be prepared at least monthly and must coincide with one or more pay periods.

(3) Charges for the salaries and wages of nonprofessional employees, in addition to the supporting documentation described in subparagraphs (1) and (2), must also be supported by records indicating the total number of hours worked each day maintained in conformance with Department of Labor regulations implementing the Fair Labor Standards Act (FLSA) (29 CFR Part 516). For this purpose, the term "nonprofessional employee" shall have the same meaning as "nonexempt employee," under FLSA.

(4) Salaries and wages of employees used in meeting cost sharing or matching requirements on awards must be supported in the same manner as salaries and wages claimed for reimbursement from awarding agencies.

9. Contingency provisions. Contributions to a contingency reserve or any similar provision made for events the occurrence of which cannot be foretold

with certainty as to time, intensity, or with an assurance of their happening, are unallowable.

The term "contingency reserve" excludes self-insurance reserves (see Attachment B, paragraphs 8.g. (3) and 22.a(2)(d)); pension funds (see paragraph 8.i); and reserves for normal severance pay (see paragraph 8.k.)

10. Defense and prosecution of criminal and civil proceedings, claims, appeals and patent infringement.

a. Definitions.

(1) Conviction, as used herein, means a judgment or a conviction of a criminal offense by any court of competent jurisdiction, whether entered upon as a verdict or a plea, including a conviction due to a plea of nolo contendere.

(2) Costs include, but are not limited to, administrative and clerical expenses; the cost of legal services, whether performed by in-house or private counsel; and the costs of the services of accountants, consultants, or others retained by the organization to assist it; costs of employees, officers and trustees, and any similar costs incurred before, during, and after commencement of a judicial or administrative proceeding that bears a direct relationship to the proceedings.

(3) Fraud, as used herein, means (i) acts of fraud corruption or attempts to defraud the Federal Government or to corrupt its agents, (ii) acts that constitute a cause for debarment or suspension (as specified in agency regulations), and (iii) acts which violate the False Claims Act, 31 U.S.C., sections 3729-3731, or the Anti-Kickback Act, 41 U.S.C., sections 51 and 54.

(4) Penalty does not include restitution, reimbursement, or compensatory damages.

(5) Proceeding includes an investigation.

b. (1) Except as otherwise described herein, costs incurred in connection with any criminal, civil or administrative proceeding (including filing of a false certification) commenced by the Federal Government, or a State, local or foreign government, are not allowable if the proceeding: (1) relates to a violation of, or failure to comply with, a Federal, State, local or foreign statute or regulation by the organization (including its agents and employees), and (2) results in any of the following dispositions:

(a) In a criminal proceeding, a conviction.

(b) In a civil or administrative proceeding involving an allegation of fraud or similar misconduct, a determination of organizational liability.

(c) In the case of any civil or administrative proceeding, the imposition of a monetary penalty.

(d) A final decision by an appropriate Federal official to debar or suspend the organization, to rescind or void an award, or to terminate

an award for default by reason of a violation or failure to comply with a law or regulation.

(e) A disposition by consent or compromise, if the action could have resulted in any of the dispositions described in (a), (b), (c) or (d).

(2) If more than one proceeding involves the same alleged misconduct, the costs of all such proceedings shall be unallowable if any one of them results in one of the dispositions shown in subparagraph b.(1).

c. If a proceeding referred to in subparagraph b is commenced by the Federal Government and is resolved by consent or compromise pursuant to an agreement entered into by the organization and the Federal Government, then the costs incurred by the organization in connection with such proceedings that are otherwise not allowable under subparagraph b may be allowed to the extent specifically provided in such agreement.

d. If a proceeding referred to in subparagraph b is commenced by a State, local or foreign government, the authorized Federal official may allow the costs incurred by the organization for such proceedings, if such authorized official determines that the costs were incurred as a result of (1) a specific term or condition of a federally sponsored award, or (2) specific written direction of an authorized official of the sponsoring agency.

e. Costs incurred in connection with proceedings described in subparagraph b, but which are not made unallowable by that subparagraph, may be allowed by the Federal Government, but only to the extent that:

(1) The costs are reasonable in relation to the activities required to deal with the proceeding and the underlying cause of action;

(2) Payment of the costs incurred, as allowable and allocable costs, is not prohibited by any other provision(s) of the sponsored award;

(3) The costs are not otherwise recovered from the Federal Government or a third party, either directly as a result of the proceeding or otherwise; and,

(4) The percentage of costs allowed does not exceed the percentage determined by an authorized Federal official to be appropriate, considering the complexity of the litigation, generally accepted principles governing the award of legal fees in civil actions involving the United States as a party, and such other factors as may be appropriate. Such percentage shall not exceed 80 percent. However, if an agreement reached under subparagraph c has explicitly considered this 80 percent limitation and permitted a higher percentage, then the full amount of costs resulting from that agreement shall be allowable.

f. Costs incurred by the organization in connection with the defense of suits brought by its employees or ex-employees under section 2 of the Major Fraud Act of 1988 (Pub. L. 100-700), including the cost of all relief necessary to make such employee whole, where the organization was found liable or settled, are unallowable.

g. Costs of legal, accounting, and consultant services, and related costs, incurred in connection with defense against Federal Government claims or

appeals, antitrust suits, or the prosecution of claims or appeals against the Federal Government, are unallowable.

h. Costs of legal, accounting, and consultant services, and related costs, incurred in connection with patent infringement litigation, are unallowable unless otherwise provided for in the sponsored awards.

i. Costs which may be unallowable under this paragraph, including directly associated costs, shall be segregated and accounted for by the organization separately. During the pendency of any proceeding covered by subparagraphs b and f, the Federal Government shall generally withhold payment of such costs. However, if in the best interests of the Federal Government, the Federal Government may provide for conditional payment upon provision of adequate security, or other adequate assurance, and agreements by the organization to repay all unallowable costs, plus interest, if the costs are subsequently determined to be unallowable.

11. Depreciation and use allowances.

a. Compensation for the use of buildings, other capital improvements, and equipment on hand may be made through use allowance or depreciation. However, except as provided in Attachment B, paragraph f, a combination of the two methods may not be used in connection with a single class of fixed assets (e.g., buildings, office equipment, computer equipment, etc.).

b. The computation of use allowances or depreciation shall be based on the acquisition cost of the assets involved. The acquisition cost of an asset donated to the non-profit organization by a third party shall be its fair market value at the time of the donation.

c. The computation of use allowances or depreciation will exclude:

(1) The cost of land;

(2) Any portion of the cost of buildings and equipment borne by or donated by the Federal Government irrespective of where title was originally vested or where it presently resides; and

(3) Any portion of the cost of buildings and equipment contributed by or for the non-profit organization in satisfaction of a statutory matching requirement.

d. Where depreciation method is followed, the period of useful service (useful life) established in each case for usable capital assets must take into consideration such factors as type of construction, nature of the equipment used, technological developments in the particular program area, and the renewal and replacement policies followed for the individual items or classes of assets involved. The method of depreciation used to assign the cost of an asset (or group of assets) to accounting periods shall reflect the pattern of consumption of the asset during its useful life.

In the absence of clear evidence indicating that the expected consumption of the asset will be significantly greater or lesser in the early portions of its useful life than in the later portions, the straight-line method shall be presumed to be the appropriate method.

Depreciation methods once used shall not be changed unless approved in advance by the cognizant Federal agency. When the depreciation method is introduced for

application to assets previously subject to a use allowance, the combination of use allowances and depreciation applicable to such assets must not exceed the total acquisition cost of the assets.

e. When the depreciation method is used for buildings, a building's shell may be segregated from each building component (e.g., plumbing system, heating, and air conditioning system, etc.) and each item depreciated over its estimated useful life; or the entire building (i.e., the shell and all components) may be treated as a single asset and depreciated over a single useful life.

f. When the depreciation method is used for a particular class of assets, no depreciation may be allowed on any such assets that, under subparagraph d, would be viewed as fully depreciated. However, a reasonable use allowance may be negotiated for such assets if warranted after taking into consideration the amount of depreciation previously charged to the Federal Government, the estimated useful life remaining at time of negotiation, the effect of any increased maintenance charges or decreased efficiency due to age, and any other factors pertinent to the utilization of the asset for the purpose contemplated.

g. Where the use allowance method is followed, the use allowance for buildings and improvement (including land improvements, such as paved parking areas, fences, and sidewalks) will be computed at an annual rate not exceeding two percent of acquisition cost.

The use allowance for equipment will be computed at an annual rate not exceeding six and two-thirds percent of acquisition cost. When the use allowance method is used for buildings, the entire building must be treated as a single asset; the building's components (e.g., plumbing system, heating and air conditioning, etc.) cannot be segregated from the building's shell.

The two percent limitation, however, need not be applied to equipment which is merely attached or fastened to the building but not permanently fixed to it and which is used as furnishings or decorations or for specialized purposes (e.g., dentist chairs and dental treatment units, counters, laboratory benches bolted to the floor, dishwashers, modular furniture, carpeting, etc.). Such equipment will be considered as not being permanently fixed to the building if it can be removed without the need for costly or extensive alterations or repairs to the building or the equipment. Equipment that meets these criteria will be subject to the 6 2/3 percent equipment use allowance limitation.

h. Charges for use allowances or depreciation must be supported by adequate property records and physical inventories must be taken at least once every two years (a statistical sampling basis is acceptable) to ensure that assets exist and are usable and needed. When the depreciation method is followed, adequate depreciation records indicating the amount of depreciation taken each period must also be maintained.

12. Donations and contributions.

a. Contributions or donations rendered. Contributions or donations, including cash, property, and services, made by the organization, regardless of the recipient, are unallowable.

b. Donated services received:

(1) Donated or volunteer services may be furnished to an organization by professional and technical personnel, consultants, and other skilled and unskilled labor. The value of these services is not reimbursable either as a direct or indirect cost. However, the value of donated services may be used to meet cost sharing or matching requirements in accordance with the Common Rule.

(2) The value of donated services utilized in the performance of a direct cost activity shall, when material in amount, be considered in the determination of the non-profit organization's indirect costs or rate(s) and, accordingly, shall be allocated a proportionate share of applicable indirect costs when the following exist:

(a) The aggregate value of the services is material;

(b) The services are supported by a significant amount of the indirect costs incurred by the non-profit organization; and

(c) The direct cost activity is not pursued primarily for the benefit of the Federal Government.

(3) In those instances where there is no basis for determining the fair market value of the services rendered, the recipient and the cognizant agency shall negotiate an appropriate allocation of indirect cost to the services.

(4) Where donated services directly benefit a project supported by an award, the indirect costs allocated to the services will be considered as a part of the total costs of the project. Such indirect costs may be reimbursed under the award or used to meet cost sharing or matching requirements.

(5) The value of the donated services may be used to meet cost sharing or matching requirements under conditions described in Sec. __.23 of Circular A-110. Where donated services are treated as indirect costs, indirect cost rates will separate the value of the donations so that reimbursement will not be made.

c. Donated goods or space.

(1) Donated goods; i.e., expendable personal property/supplies, and donated use of space may be furnished to a non-profit organization. The value of the goods and space is not reimbursable either as a direct or indirect cost.

(2) The value of the donations may be used to meet cost sharing or matching share requirements under the conditions described in Circular A-110. Where donations are treated as indirect costs, indirect cost rates will separate the value of the donations so that reimbursement will not be made.

13. Employee morale, health, and welfare costs.

a. The costs of employee information publications, health or first-aid clinics and/or infirmaries, recreational activities, employee counseling services, and any other expenses incurred in accordance with the non-profit organization's established practice or custom for the improvement of working conditions, employer-employee relations, employee morale, and employee performance are allowable.

b. Such costs will be equitably apportioned to all activities of the non-profit organization. Income generated from any of these activities will be credited to the cost thereof unless such income has been irrevocably set over to employee welfare organizations.

14. Entertainment costs. Costs of entertainment, including amusement, diversion, and social activities and any costs directly associated with such costs (such as tickets to shows or sports events, meals, lodging, rentals, transportation, and gratuities) are unallowable.

15. Equipment and other capital expenditures.

a. For purposes of this subparagraph, the following definitions apply:

(1) "Capital Expenditures" means expenditures for the acquisition cost of capital assets (equipment, buildings, land), or expenditures to make improvements to capital assets that materially increase their value or useful life. Acquisition cost means the cost of the asset including the cost to put it in place. Acquisition cost for equipment, for example, means the net invoice price of the equipment, including the cost of any modifications, attachments, accessories, or auxiliary apparatus necessary to make it usable for the purpose for which it is acquired. Ancillary charges, such as taxes, duty, protective in transit insurance, freight, and installation may be included in, or excluded from the acquisition cost in accordance with the non-profit organization's regular accounting practices.

(2) "Equipment" means an article of nonexpendable, tangible personal property having a useful life of more than one year and an acquisition cost which equals or exceeds the lesser of the capitalization level established by the non-profit organization for financial statement purposes, or \$5000.

(3) "Special purpose equipment" means equipment which is used only for research, medical, scientific, or other technical activities. Examples of special purpose equipment include microscopes, x-ray machines, surgical instruments, and spectrometers.

(4) "General purpose equipment" means equipment, which is not limited to research, medical, scientific or other technical activities. Examples include office equipment and furnishings, modular offices, telephone networks, information technology equipment and systems, air conditioning equipment, reproduction and printing equipment, and motor vehicles.

b. The following rules of allowability shall apply to equipment and other capital expenditures:

(1) Capital expenditures for general purpose equipment, buildings, and land are unallowable as direct charges, except where approved in advance by the awarding agency.

(2) Capital expenditures for special purpose equipment are allowable as direct costs, provided that items with a unit cost of \$5000 or more have the prior approval of the awarding agency.

(3) Capital expenditures for improvements to land, buildings, or equipment which materially increase their value or useful life are unallowable as a direct cost except with the prior approval of the awarding agency.

(4) When approved as a direct charge pursuant to paragraph 15.b.(1), (2), and (3) above, capital expenditures will be charged in the period in which the expenditure is incurred, or as otherwise determined appropriate by and negotiated with the awarding agency.

(5) Equipment and other capital expenditures are unallowable as indirect costs. However, see Attachment B, paragraph 11., Depreciation and use allowance, for rules on the allowability of use allowances or depreciation on buildings, capital improvements, and equipment. Also, see Attachment B, paragraph 43., Rental costs of buildings and equipment, for rules on the allowability of rental costs for land, buildings, and equipment.

(6) The unamortized portion of any equipment written off as a result of a change in capitalization levels may be recovered by continuing to claim the otherwise allowable use allowances or depreciation on the equipment, or by amortizing the amount to be written off over a period of years negotiated with the cognizant agency.

16. Fines and penalties. Costs of fines and penalties resulting from violations of, or failure of the organization to comply with Federal, State, and local laws and regulations are unallowable except when incurred as a result of compliance with specific provisions of an award or instructions in writing from the awarding agency.

17. Fund raising and investment management costs.

a. Costs of organized fund raising, including financial campaigns, endowment drives, solicitation of gifts and bequests, and similar expenses incurred solely to raise capital or obtain contributions are unallowable.

b. Costs of investment counsel and staff and similar expenses incurred solely to enhance income from investments are unallowable.

c. Fund raising and investment activities shall be allocated an appropriate share of indirect costs under the conditions described in subparagraph B.3 of Attachment A.

18. Gains and losses on depreciable assets.

a. (1) Gains and losses on sale, retirement, or other disposition of depreciable property shall be included in the year in which they occur as credits or charges to cost grouping(s) in which the depreciation applicable to

such property was included. The amount of the gain or loss to be included as a credit or charge to the appropriate cost grouping(s) shall be the difference between the amount realized on the property and the undepreciated basis of the property.

(2) Gains and losses on the disposition of depreciable property shall not be recognized as a separate credit or charge under the following conditions:

(a) The gain or loss is processed through a depreciation account and is reflected in the depreciation allowable under paragraph 11.

(b) The property is given in exchange as part of the purchase price of a similar item and the gain or loss is taken into account in determining the depreciation cost basis of the new item.

(c) A loss results from the failure to maintain permissible insurance, except as otherwise provided in Attachment B, paragraph 22.

(d) Compensation for the use of the property was provided through use allowances in lieu of depreciation in accordance with paragraph 9.

(e) Gains and losses arising from mass or extraordinary sales, retirements, or other dispositions shall be considered on a case-by-case basis.

b. Gains or losses of any nature arising from the sale or exchange of property other than the property covered in subparagraph a shall be excluded in computing award costs.

19. Goods or services for personal use. Costs of goods or services for personal use of the organization's employees are unallowable regardless of whether the cost is reported as taxable income to the employees.

20. Housing and personal living expenses.

a. Costs of housing (e.g., depreciation, maintenance, utilities, furnishings, rent, etc.), housing allowances and personal living expenses for/of the organization's officers are unallowable as fringe benefit or indirect costs regardless of whether the cost is reported as taxable income to the employees. These costs are allowable as direct costs to sponsored award when necessary for the performance of the sponsored award and approved by awarding agencies.

b. The term "officers" includes current and past officers and employees.

21. Idle facilities and idle capacity.

a. As used in this section the following terms have the meanings set forth below:

(1) "Facilities" means land and buildings or any portion thereof, equipment individually or collectively, or any other tangible capital asset, wherever located, and whether owned or leased by the non-profit organization.

(2) "Idle facilities" means completely unused facilities that are excess to the non-profit organization's current needs.

(3) "Idle capacity" means the unused capacity of partially used facilities. It is the difference between: (a) that which a facility could achieve under 100 percent operating time on a one-shift basis less operating interruptions resulting from time lost for repairs, setups, unsatisfactory materials, and other normal delays; and (b) the extent to which the facility was actually used to meet demands during the accounting period. A multi-shift basis should be used if it can be shown that this amount of usage would normally be expected for the type of facility involved.

(4) "Cost of idle facilities or idle capacity" means costs such as maintenance, repair, housing, rent, and other related costs, e.g., insurance, interest, property taxes and depreciation or use allowances.

b. The costs of idle facilities are unallowable except to the extent that:

(1) They are necessary to meet fluctuations in workload; or

(2) Although not necessary to meet fluctuations in workload, they were necessary when acquired and are now idle because of changes in program requirements, efforts to achieve more economical operations, reorganization, termination, or other causes which could not have been reasonably foreseen. Under the exception stated in this subparagraph, costs of idle facilities are allowable for a reasonable period of time, ordinarily not to exceed one year, depending on the initiative taken to use, lease, or dispose of such facilities.

c. The costs of idle capacity are normal costs of doing business and are a factor in the normal fluctuations of usage or indirect cost rates from period to period. Such costs are allowable, provided that the capacity is reasonably anticipated to be necessary or was originally reasonable and is not subject to reduction or elimination by use on other Federal awards, subletting, renting, or sale, in accordance with sound business, economic, or security practices. Widespread idle capacity throughout an entire facility or among a group of assets having substantially the same function may be considered idle facilities.

22. Insurance and indemnification.

a. Insurance includes insurance which the organization is required to carry, or which is approved, under the terms of the award and any other insurance which the organization maintains in connection with the general conduct of its operations. This paragraph does not apply to insurance which represents fringe benefits for employees (see subparagraphs 8.g and 8.i(2)).

(1) Costs of insurance required or approved, and maintained, pursuant to the award are allowable.

(2) Costs of other insurance maintained by the organization in connection with the general conduct of its operations are allowable subject to the following limitations:

(a) Types and extent of coverage shall be in accordance with sound business practice and the rates and premiums shall be reasonable under the circumstances.

(b) Costs allowed for business interruption or other similar insurance shall be limited to exclude coverage of management fees.

(c) Costs of insurance or of any provisions for a reserve covering the risk of loss or damage to Federal property are allowable only to the extent that the organization is liable for such loss or damage.

(d) Provisions for a reserve under a self-insurance program are allowable to the extent that types of coverage, extent of coverage, rates, and premiums would have been allowed had insurance been purchased to cover the risks. However, provision for known or reasonably estimated self-insured liabilities, which do not become payable for more than one year after the provision is made, shall not exceed the present value of the liability.

(e) Costs of insurance on the lives of trustees, officers, or other employees holding positions of similar responsibilities are allowable only to the extent that the insurance represents additional compensation (see subparagraph 8.g(4)). The cost of such insurance when the organization is identified as the beneficiary is unallowable.

(f) Insurance against defects. Costs of insurance with respect to any costs incurred to correct defects in the organization's materials or workmanship are unallowable.

(g) Medical liability (malpractice) insurance. Medical liability insurance is an allowable cost of Federal research programs only to the extent that the Federal research programs involve human subjects or training of participants in research techniques. Medical liability insurance costs shall be treated as a direct cost and shall be assigned to individual projects based on the manner in which the insurer allocates the risk to the population covered by the insurance.

(3) Actual losses which could have been covered by permissible insurance (through the purchase of insurance or a self-insurance program) are unallowable unless expressly provided for in the award, except:

(a) Costs incurred because of losses not covered under nominal deductible insurance coverage provided in keeping with sound business practice are allowable.

(b) Minor losses not covered by insurance, such as spoilage, breakage, and disappearance of supplies, which occur in the ordinary course of operations, are allowable.

b. Indemnification includes securing the organization against liabilities to third persons and any other loss or damage, not compensated by insurance or otherwise. The Federal Government is obligated to indemnify the organization only to the extent expressly provided in the award.

23. Interest.

a. Costs incurred for interest on borrowed capital, temporary use of endowment funds, or the use of the non-profit organization's own funds, however represented, are unallowable. However, interest on debt incurred after September 29, 1995 to acquire or replace capital assets (including

renovations, alterations, equipment, land, and capital assets acquired through capital leases), acquired after September 29, 1995 and used in support of Federal awards is allowable, provided that:

(1) For facilities acquisitions (excluding renovations and alterations) costing over \$10 million where the Federal Government's reimbursement is expected to equal or exceed 40 percent of an asset's cost, the non-profit organization prepares, prior to the acquisition or replacement of the capital asset(s), a justification that demonstrates the need for the facility in the conduct of federally-sponsored activities. Upon request, the needs justification must be provided to the Federal agency with cost cognizance authority as a prerequisite to the continued allowability of interest on debt and depreciation related to the facility. The needs justification for the acquisition of a facility should include, at a minimum, the following:

- (a) A statement of purpose and justification for facility acquisition or replacement
- (b) A statement as to why current facilities are not adequate
- (c) A statement of planned future use of the facility
- (d) A description of the financing agreement to be arranged for the facility
- (e) A summary of the building contract with estimated cost information and statement of source and use of funds
- (f) A schedule of planned occupancy dates

(2) For facilities costing over \$500,000, the non-profit organization prepares, prior to the acquisition or replacement of the facility, a lease/purchase analysis in accordance with the provisions of Sec. __.30 through __.37 of Circular A-110, which shows that a financed purchase or capital lease is less costly to the organization than other leasing alternatives, on a net present value basis. Discount rates used should be equal to the non-profit organization's anticipated interest rates and should be no higher than the fair market rate available to the non-profit organization from an unrelated ("arm's length") third-party. The lease/purchase analysis shall include a comparison of the net present value of the projected total cost comparisons of both alternatives over the period the asset is expected to be used by the non-profit organization. The cost comparisons associated with purchasing the facility shall include the estimated purchase price, anticipated operating and maintenance costs (including property taxes, if applicable) not included in the debt financing, less any estimated asset salvage value at the end of the period defined above. The cost comparison for a capital lease shall include the estimated total lease payments, any estimated bargain purchase option, operating and maintenance costs, and taxes not included in the capital leasing arrangement, less any estimated credits due under the lease at the end of the period defined above. Projected operating lease costs shall be based on the anticipated cost of leasing comparable facilities at fair market rates under rental agreements that would be renewed or reestablished over the period defined above, and any expected maintenance costs and allowable property taxes to be borne by the non-profit organization directly or as part of the lease arrangement.

(3) The actual interest cost claimed is predicated upon interest rates that are no higher than the fair market rate available to the non-profit organization from an unrelated "arm's length" third party.

(4) Investment earnings, including interest income, on bond or loan principal, pending payment of the construction or acquisition costs, are used to offset allowable interest cost. Arbitrage earnings reportable to the Internal Revenue Service are not required to be offset against allowable interest costs.

(5) Reimbursements are limited to the least costly alternative based on the total cost analysis required under subparagraph (b). For example, if an operating lease is determined to be less costly than purchasing through debt financing, then reimbursement is limited to the amount determined if leasing had been used. In all cases where a lease/purchase analysis is performed, Federal reimbursement shall be based upon the least expensive alternative.

(6) Non-profit organizations are also subject to the following conditions:

(a) Interest on debt incurred to finance or refinance assets acquired before or reacquired after September 29, 1995, is not allowable.

(b) Interest attributable to fully depreciated assets is unallowable.

(c) For debt arrangements over \$1 million, unless the non-profit organization makes an initial equity contribution to the asset purchase of 25 percent or more, non-profit organizations shall reduce claims for interest expense by an amount equal to imputed interest earnings on excess cash flow, which is to be calculated as follows. Annually, non-profit organizations shall prepare a cumulative (from the inception of the project) report of monthly cash flows that includes inflows and outflows, regardless of the funding source. Inflows consist of depreciation expense, amortization of capitalized construction interest, and annual interest expense. For cash flow calculations, the annual inflow figures shall be divided by the number of months in the year (usually 12) that the building is in service for monthly amounts. Outflows consist of initial equity contributions, debt principal payments (less the pro rata share attributable to the unallowable costs of land) and interest payments. Where cumulative inflows exceed cumulative outflows, interest shall be calculated on the excess inflows for that period and be treated as a reduction to allowable interest expense. The rate of interest to be used to compute earnings on excess cash flows shall be the three month Treasury Bill closing rate as of the last business day of that month.

(d) Substantial relocation of federally-sponsored activities from a facility financed by indebtedness, the cost of which was funded in whole or part through Federal reimbursements, to another facility prior to the expiration of a period of 20 years requires notice to the Federal cognizant agency. The extent of the relocation, the amount of the Federal participation in the financing, and the depreciation and interest charged to date may require negotiation and/or downward adjustments of replacement space charged to Federal programs in the future.

(e) The allowable costs to acquire facilities and equipment are limited to a fair market value available to the non-profit organization from an unrelated ("arm's length") third party.

b. For non-profit organizations subject to "full coverage" under the Cost Accounting Standards (CAS) as defined at 48 CFR 9903.201, the interest allowability provisions of subparagraph a do not apply. Instead, these organizations' sponsored agreements are subject to CAS 414 (48 CFR 9903.414), cost of money as an element of the cost of facilities capital, and CAS 417 (48 CFR 9903.417), cost of money as an element of the cost of capital assets under construction.

c. The following definitions are to be used for purposes of this paragraph:

(1) Re-acquired assets means assets held by the non-profit organization prior to September 29, 1995 that have again come to be held by the organization, whether through repurchase or refinancing. It does not include assets acquired to replace older assets.

(2) Initial equity contribution means the amount or value of contributions made by non-profit organizations for the acquisition of the asset or prior to occupancy of facilities.

(3) Asset costs means the capitalizable costs of an asset, including construction costs, acquisition costs, and other such costs capitalized in accordance with GAAP.

24. Labor relations costs. Costs incurred in maintaining satisfactory relations between the organization and its employees, including costs of labor management committees, employee publications, and other related activities are allowable.

25. Lobbying.

a. Notwithstanding other provisions of this Circular, costs associated with the following activities are unallowable:

(1) Attempts to influence the outcomes of any Federal, State, or local election, referendum, initiative, or similar procedure, through in kind or cash contributions, endorsements, publicity, or similar activity;

(2) Establishing, administering, contributing to, or paying the expenses of a political party, campaign, political action committee, or other organization established for the purpose of influencing the outcomes of elections;

(3) Any attempt to influence: (i) The introduction of Federal or State legislation; or (ii) the enactment or modification of any pending Federal or State legislation through communication with any member or employee of the Congress or State legislature (including efforts to influence State or local officials to engage in similar lobbying activity), or with any Government official or employee in connection with a decision to sign or veto enrolled legislation;

(4) Any attempt to influence: (i) The introduction of Federal or State legislation; or (ii) the enactment or modification of any pending Federal or State legislation by preparing, distributing or using publicity or

propaganda, or by urging members of the general public or any segment thereof to contribute to or participate in any mass demonstration, march, rally, fundraising drive, lobbying campaign or letter writing or telephone campaign; or

(5) Legislative liaison activities, including attendance at legislative sessions or committee hearings, gathering information regarding legislation, and analyzing the effect of legislation, when such activities are carried on in support of or in knowing preparation for an effort to engage in unallowable lobbying.

b. The following activities are excepted from the coverage of subparagraph a:

(1) Providing a technical and factual presentation of information on a topic directly related to the performance of a grant, contract or other agreement through hearing testimony, statements or letters to the Congress or a State legislature, or subdivision, member, or cognizant staff member thereof, in response to a documented request (including a Congressional Record notice requesting testimony or statements for the record at a regularly scheduled hearing) made by the recipient member, legislative body or subdivision, or a cognizant staff member thereof; provided such information is readily obtainable and can be readily put in deliverable form; and further provided that costs under this section for travel, lodging or meals are unallowable unless incurred to offer testimony at a regularly scheduled Congressional hearing pursuant to a written request for such presentation made by the Chairman or Ranking Minority Member of the Committee or Subcommittee conducting such hearing.

(2) Any lobbying made unallowable by subparagraph a(3) to influence State legislation in order to directly reduce the cost, or to avoid material impairment of the organization's authority to perform the grant, contract, or other agreement.

(3) Any activity specifically authorized by statute to be undertaken with funds from the grant, contract, or other agreement.

c. (1) When an organization seeks reimbursement for indirect costs, total lobbying costs shall be separately identified in the indirect cost rate proposal, and thereafter treated as other unallowable activity costs in accordance with the procedures of subparagraph B.3 of Attachment A.

(2) Organizations shall submit, as part of the annual indirect cost rate proposal, a certification that the requirements and standards of this paragraph have been complied with.

(3) Organizations shall maintain adequate records to demonstrate that the determination of costs as being allowable or unallowable pursuant to paragraph 25 complies with the requirements of this Circular.

(4) Time logs, calendars, or similar records shall not be required to be created for purposes of complying with this paragraph during any particular calendar month when: (1) the employee engages in lobbying (as defined in subparagraphs (a) and (b) . 25 percent or less of the employee's compensated hours of employment during that calendar month, and (2) within the preceding five-year period, the organization has not materially misstated allowable or unallowable costs of any nature, including legislative lobbying costs. When conditions (1) and (2) are met, organizations are not required to establish records to support the allowability of claimed costs in addition to records

already required or maintained. Also, when conditions (1) and (2) are met, the absence of time logs, calendars, or similar records will not serve as a basis for disallowing costs by contesting estimates of lobbying time spent by employees during a calendar month.

(5) Agencies shall establish procedures for resolving in advance, in consultation with OMB, any significant questions or disagreements concerning the interpretation or application of paragraph 25. Any such advance resolution shall be binding in any subsequent settlements, audits or investigations with respect to that grant or contract for purposes of interpretation of this Circular; provided, however, that this shall not be construed to prevent a contractor or grantee from contesting the lawfulness of such a determination.

d. Executive lobbying costs. Costs incurred in attempting to improperly influence either directly or indirectly, an employee or officer of the Executive Branch of the Federal Government to give consideration or to act regarding a sponsored agreement or a regulatory matter are unallowable. Improper influence means any influence that induces or tends to induce a Federal employee or officer to give consideration or to act regarding a federally-sponsored agreement or regulatory matter on any basis other than the merits of the matter.

26. Losses on other sponsored agreements or contracts. Any excess of costs over income on any award is unallowable as a cost of any other award. This includes, but is not limited to, the organization's contributed portion by reason of cost sharing agreements or any under-recoveries through negotiation of lump sums for, or ceilings on, indirect costs.

27. Maintenance and repair costs. Costs incurred for necessary maintenance, repair, or upkeep of buildings and equipment (including Federal property unless otherwise provided for) which neither add to the permanent value of the property nor appreciably prolong its intended life, but keep it in an efficient operating condition, are allowable. Costs incurred for improvements which add to the permanent value of the buildings and equipment or appreciably prolong their intended life shall be treated as capital expenditures (see paragraph 15).

28. Materials and supplies costs.

a. Costs incurred for materials, supplies, and fabricated parts necessary to carry out a Federal award are allowable.

b. Purchased materials and supplies shall be charged at their actual prices, net of applicable credits. Withdrawals from general stores or stockrooms should be charged at their actual net cost under any recognized method of pricing inventory withdrawals, consistently applied. Incoming transportation charges are a proper part of materials and supplies costs.

c. Only materials and supplies actually used for the performance of a Federal award may be charged as direct costs.

d. Where federally-donated or furnished materials are used in performing the Federal award, such materials will be used without charge.

29. Meetings and conferences. Costs of meetings and conferences, the primary purpose of which is the dissemination of technical information, are allowable. This includes costs of meals, transportation, rental of facilities, speakers' fees, and other items incidental to such meetings or conferences. But see Attachment B, paragraphs 14., Entertainment costs, and 33., Participant support costs.

30. Memberships, subscriptions, and professional activity costs.

a. Costs of the non-profit organization's membership in business, technical, and professional organizations are allowable.

b. Costs of the non-profit organization's subscriptions to business, professional, and technical periodicals are allowable.

c. Costs of membership in any civic or community organization are allowable with prior approval by Federal cognizant agency.

d. Costs of membership in any country club or social or dining club or organization are unallowable.

31. Organization costs. Expenditures, such as incorporation fees, brokers' fees, fees to promoters, organizers or management consultants, attorneys, accountants, or investment counselors, whether or not employees of the organization, in connection with establishment or reorganization of an organization, are unallowable except with prior approval of the awarding agency.

32. Page charges in professional journals. Page charges for professional journal publications are allowable as a necessary part of research costs, where:

a. The research papers report work supported by the Federal Government; and

b. The charges are levied impartially on all research papers published by the journal, whether or not by federally-sponsored authors.

33. Participant support costs. Participant support costs are direct costs for items such as stipends or subsistence allowances, travel allowances, and registration fees paid to or on behalf of participants or trainees (but not employees) in connection with meetings, conferences, symposia, or training projects. These costs are allowable with the prior approval of the awarding agency.

34. Patent costs.

a. The following costs relating to patent and copyright matters are allowable: (i) cost of preparing disclosures, reports, and other documents required by the Federal award and of searching the art to the extent necessary to make such disclosures; (ii) cost of preparing documents and any other patent costs in connection with the filing and prosecution of a United States patent application where title or royalty-free license is required by the Federal Government to be conveyed to the Federal Government; and (iii) general counseling services relating to patent and copyright matters, such as advice on patent and copyright laws, regulations, clauses, and employee agreements (but

see paragraphs 37., Professional services costs, and 44., Royalties and other costs for use of patents and copyrights).

b. The following costs related to patent and copyright matter are unallowable:

(1) Cost of preparing disclosures, reports, and other documents and of searching the art to the extent necessary to make disclosures not required by the award

(2) Costs in connection with filing and prosecuting any foreign patent application, or any United States patent application, where the Federal award does not require conveying title or a royalty-free license to the Federal Government (but see paragraph 45., Royalties and other costs for use of patents and copyrights).

35. Plant and homeland security costs. Necessary and reasonable expenses incurred for routine and homeland security to protect facilities, personnel, and work products are allowable. Such costs include, but are not limited to, wages and uniforms of personnel engaged in security activities; equipment; barriers; contractual security services; consultants; etc. Capital expenditures for homeland and plant security purposes are subject to paragraph 15., Equipment and other capital expenditures, of this Circular.

36. Pre-agreement costs. Pre-award costs are those incurred prior to the effective date of the award directly pursuant to the negotiation and in anticipation of the award where such costs are necessary to comply with the proposed delivery schedule or period of performance. Such costs are allowable only to the extent that they would have been allowable if incurred after the date of the award and only with the written approval of the awarding agency.

37. Professional services costs.

a. Costs of professional and consultant services rendered by persons who are members of a particular profession or possess a special skill, and who are not officers or employees of the non-profit organization, are allowable, subject to subparagraphs b and c when reasonable in relation to the services rendered and when not contingent upon recovery of the costs from the Federal Government.

In addition, legal and related services are limited under Attachment B, paragraph 10.

b. In determining the allowability of costs in a particular case, no single factor or any special combination of factors is necessarily determinative. However, the following factors are relevant:

(1) The nature and scope of the service rendered in relation to the service required.

(2) The necessity of contracting for the service, considering the non-profit organization's capability in the particular area.

(3) The past pattern of such costs, particularly in the years prior to Federal awards.

(4) The impact of Federal awards on the non-profit organization's business (i.e., what new problems have arisen).

(5) Whether the proportion of Federal work to the non-profit organization's total business is such as to influence the non-profit organization in favor of incurring the cost, particularly where the services rendered are not of a continuing nature and have little relationship to work under Federal grants and contracts.

(6) Whether the service can be performed more economically by direct employment rather than contracting.

(7) The qualifications of the individual or concern rendering the service and the customary fees charged, especially on non-Federal awards.

(8) Adequacy of the contractual agreement for the service (e.g., description of the service, estimate of time required, rate of compensation, and termination provisions).

c. In addition to the factors in subparagraph b, retainer fees to be allowable must be supported by evidence of bona fide services available or rendered

38. Publication and printing costs.

a. Publication costs include the costs of printing (including the processes of composition, plate-making, press work, binding, and the end products produced by such processes), distribution, promotion, mailing, and general handling. Publication costs also include page charges in professional publications.

b. If these costs are not identifiable with a particular cost objective, they should be allocated as indirect costs to all benefiting activities of the non-profit organization.

c. Page charges for professional journal publications are allowable as a necessary part of research costs where:

(1) The research papers report work supported by the Federal Government: and

(2) The charges are levied impartially on all research papers published by the journal, whether or not by federally-sponsored authors.

39. Rearrangement and alteration costs. Costs incurred for ordinary or normal rearrangement and alteration of facilities are allowable. Special arrangement and alteration costs incurred specifically for the project are allowable with the prior approval of the awarding agency.

40. Reconversion costs. Costs incurred in the restoration or rehabilitation of the non-profit organization's facilities to approximately the same condition existing immediately prior to commencement of Federal awards, less costs related to normal wear and tear, are allowable.

41. Recruiting costs.

a. Subject to subparagraphs b, c, and d, and provided that the size of the staff recruited and maintained is in keeping with workload requirements, costs of "help wanted" advertising, operating costs of an employment office necessary to secure and maintain an adequate staff, costs of operating an aptitude and educational testing program, travel costs of employees while engaged in recruiting personnel, travel costs of applicants for interviews for prospective employment, and relocation costs incurred incident to recruitment of new employees, are allowable to the extent that such costs are incurred pursuant to a well-managed recruitment program. Where the organization uses employment agencies, costs that are not in excess of standard commercial rates for such services are allowable.

b. In publications, costs of help wanted advertising that includes color, includes advertising material for other than recruitment purposes, or is excessive in size (taking into consideration recruitment purposes for which intended and normal organizational practices in this respect), are unallowable.

c. Costs of help wanted advertising, special emoluments, fringe benefits, and salary allowances incurred to attract professional personnel from other organizations that do not meet the test of reasonableness or do not conform with the established practices of the organization, are unallowable.

d. Where relocation costs incurred incident to recruitment of a new employee have been allowed either as an allocable direct or indirect cost, and the newly hired employee resigns for reasons within his control within twelve months after being hired, the organization will be required to refund or credit such relocation costs to the Federal Government.

42. Relocation costs.

a. Relocation costs are costs incident to the permanent change of duty assignment (for an indefinite period or for a stated period of not less than 12 months) of an existing employee or upon recruitment of a new employee. Relocation costs are allowable, subject to the limitation described in subparagraphs b, c, and d, provided that:

(1) The move is for the benefit of the employer.

(2) Reimbursement to the employee is in accordance with an established written policy consistently followed by the employer.

(3) The reimbursement does not exceed the employee's actual (or reasonably estimated) expenses.

b. Allowable relocation costs for current employees are limited to the following:

(1) The costs of transportation of the employee, members of his immediate family and his household, and personal effects to the new location.

(2) The costs of finding a new home, such as advance trips by employees and spouses to locate living quarters and temporary lodging during the transition period, up to maximum period of 30 days, including advance trip time.

(3) Closing costs, such as brokerage, legal, and appraisal fees, incident to the disposition of the employee's former home. These costs, together with those described in (4), are limited to 8 percent of the sales price of the employee's former home.

(4) The continuing costs of ownership of the vacant former home after the settlement or lease date of the employee's new permanent home, such as maintenance of buildings and grounds (exclusive of fixing up expenses), utilities, taxes, and property insurance.

(5) Other necessary and reasonable expenses normally incident to relocation, such as the costs of canceling an unexpired lease, disconnecting and reinstalling household appliances, and purchasing insurance against loss of or damages to personal property. The cost of canceling an unexpired lease is limited to three times the monthly rental.

c. Allowable relocation costs for new employees are limited to those described in (1) and (2) of subparagraph b. When relocation costs incurred incident to the recruitment of new employees have been allowed either as a direct or indirect cost and the employee resigns for reasons within his control within 12 months after hire, the organization shall refund or credit the Federal Government for its share of the cost. However, the costs of travel to an overseas location shall be considered travel costs in accordance with paragraph 50 and not relocation costs for the purpose of this paragraph if dependents are not permitted at the location for any reason and the costs do not include costs of transporting household goods.

d. The following costs related to relocation are unallowable:

- (1) Fees and other costs associated with acquiring a new home.
- (2) A loss on the sale of a former home.
- (3) Continuing mortgage principal and interest payments on a home being sold.
- (4) Income taxes paid by an employee related to reimbursed relocation costs.

43. Rental costs of buildings and equipment.

a. Subject to the limitations described in subparagraphs b. through d. of this paragraph 43, rental costs are allowable to the extent that the rates are reasonable in light of such factors as: rental costs of comparable property, if any; market conditions in the area; alternatives available; and, the type, life expectancy, condition, and value of the property leased. Rental arrangements should be reviewed periodically to determine if circumstances have changed and other options are available.

b. Rental costs under "sale and lease back" arrangements are allowable only up to the amount that would be allowed had the non-profit organization

continued to own the property. This amount would include expenses such as depreciation or use allowance, maintenance, taxes, and insurance.

c. Rental costs under "less-than-arms-length" leases are allowable only up to the amount (as explained in subparagraph b. of this paragraph 43.) that would be allowed had title to the property vested in the non-profit organization. For this purpose, a less-than-arms-length lease is one under which one party to the lease agreement is able to control or substantially influence the actions of the other. Such leases include, but are not limited to those between (i) divisions of a non-profit organization; (ii) non-profit organizations under common control through common officers, directors, or members; and (iii) a non-profit organization and a director, trustee, officer, or key employee of the non-profit organization or his immediate family, either directly or through corporations, trusts, or similar arrangements in which they hold a controlling interest. For example, a non-profit organization may establish a separate corporation for the sole purpose of owning property and leasing it back to the non-profit organization.

d. Rental costs under leases which are required to be treated as capital leases under GAAP are allowable only up to the amount (as explained in subparagraph b) that would be allowed had the non-profit organization purchased the property on the date the lease agreement was executed. The provisions of Financial Accounting Standards Board Statement 13, Accounting for Leases, shall be used to determine whether a lease is a capital lease. Interest costs related to capital leases are allowable to the extent they meet the criteria in subparagraph 23. Unallowable costs include amounts paid for profit, management fees, and taxes that would not have been incurred had the non-profit organization purchased the facility.

44. Royalties and other costs for use of patents and copyrights.

a. Royalties on a patent or copyright or amortization of the cost of acquiring by purchase a copyright, patent, or rights thereto, necessary for the proper performance of the award are allowable unless:

(1) The Federal Government has a license or the right to free use of the patent or copyright.

(2) The patent or copyright has been adjudicated to be invalid, or has been administratively determined to be invalid.

(3) The patent or copyright is considered to be unenforceable.

(4) The patent or copyright is expired.

b. Special care should be exercised in determining reasonableness where the royalties may have arrived at as a result of less-than-arm's-length bargaining, e.g.:

(1) Royalties paid to persons, including corporations, affiliated with the non-profit organization.

(2) Royalties paid to unaffiliated parties, including corporations, under an agreement entered into in contemplation that a Federal award would be made.

(3) Royalties paid under an agreement entered into after an award is made to a non-profit organization.

c. In any case involving a patent or copyright formerly owned by the non-profit organization, the amount of royalty allowed should not exceed the cost which would have been allowed had the non-profit organization retained title thereto.

45. Selling and marketing. Costs of selling and marketing any products or services of the non-profit organization are unallowable (unless allowed under Attachment B, paragraph 1. as allowable public relations cost. However, these costs are allowable as direct costs, with prior approval by awarding agencies, when they are necessary for the performance of Federal programs.

46. Specialized service facilities.

a. The costs of services provided by highly complex or specialized facilities operated by the non-profit organization, such as computers, wind tunnels, and reactors are allowable, provided the charges for the services meet the conditions of either 46 b. or c. and, in addition, take into account any items of income or Federal financing that qualify as applicable credits under Attachment A, subparagraph A.5. of this Circular.

b. The costs of such services, when material, must be charged directly to applicable awards based on actual usage of the services on the basis of a schedule of rates or established methodology that (i) does not discriminate against federally-supported activities of the non-profit organization, including usage by the non-profit organization for internal purposes, and (ii) is designed to recover only the aggregate costs of the services. The costs of each service shall consist normally of both its direct costs and its allocable share of all indirect costs. Rates shall be adjusted at least biennially, and shall take into consideration over/under applied costs of the previous period(s).

c. Where the costs incurred for a service are not material, they may be allocated as indirect costs.

d. Under some extraordinary circumstances, where it is in the best interest of the Federal Government and the institution to establish alternative costing arrangements, such arrangements may be worked out with the cognizant Federal agency.

47. Taxes.

a. In general, taxes which the organization is required to pay and which are paid or accrued in accordance with GAAP, and payments made to local governments in lieu of taxes which are commensurate with the local government services received are allowable, except for (i) taxes from which exemptions are available to the organization directly or which are available to the organization based on an exemption afforded the Federal Government and in the latter case when the awarding agency makes available the necessary exemption certificates, (ii) special assessments on land which represent capital improvements, and (iii) Federal income taxes.

b. Any refund of taxes, and any payment to the organization of interest thereon, which were allowed as award costs, will be credited either as a cost reduction or cash refund, as appropriate, to the Federal Government.

48. Termination costs applicable to sponsored agreements.

Termination of awards generally gives rise to the incurrence of costs, or the need for special treatment of costs, which would not have arisen had the Federal award not been terminated. Cost principles covering these items are set forth below. They are to be used in conjunction with the other provisions of this Circular in termination situations.

a. The cost of items reasonably usable on the non-profit organization's other work shall not be allowable unless the non-profit organization submits evidence that it would not retain such items at cost without sustaining a loss. In deciding whether such items are reasonably usable on other work of the non-profit organization, the awarding agency should consider the non-profit organization's plans and orders for current and scheduled activity.

Contemporaneous purchases of common items by the non-profit organization shall be regarded as evidence that such items are reasonably usable on the non-profit organization's other work. Any acceptance of common items as allocable to the terminated portion of the Federal award shall be limited to the extent that the quantities of such items on hand, in transit, and on order are in excess of the reasonable quantitative requirements of other work.

b. If in a particular case, despite all reasonable efforts by the non-profit organization, certain costs cannot be discontinued immediately after the effective date of termination, such costs are generally allowable within the limitations set forth in this Circular, except that any such costs continuing after termination due to the negligent or willful failure of the non-profit organization to discontinue such costs shall be unallowable.

c. Loss of useful value of special tooling, machinery, and is generally allowable if:

(1) Such special tooling, special machinery, or equipment is not reasonably capable of use in the other work of the non-profit organization,

(2) The interest of the Federal Government is protected by transfer of title or by other means deemed appropriate by the awarding agency, and

(3) The loss of useful value for any one terminated Federal award is limited to that portion of the acquisition cost which bears the same ratio to the total acquisition cost as the terminated portion of the Federal award bears to the entire terminated Federal award and other Federal awards for which the special tooling, special machinery, or equipment was acquired.

d. Rental costs under unexpired leases are generally allowable where clearly shown to have been reasonably necessary for the performance of the terminated Federal award less the residual value of such leases, if:

(1) the amount of such rental claimed does not exceed the reasonable use value of the property leased for the period of the Federal award and such further period as may be reasonable, and

(2) the non-profit organization makes all reasonable efforts to terminate, assign, settle, or otherwise reduce the cost of such lease. There also may be included the cost of alterations of such leased property, provided

such alterations were necessary for the performance of the Federal award, and of reasonable restoration required by the provisions of the lease.

e. Settlement expenses including the following are generally allowable:

(1) Accounting, legal, clerical, and similar costs reasonably necessary for:

(a) The preparation and presentation to the awarding agency of settlement claims and supporting data with respect to the terminated portion of the Federal award, unless the termination is for default (see Subpart __.61 of Circular A-110); and

(b) The termination and settlement of subawards.

(2) Reasonable costs for the storage, transportation, protection, and disposition of property provided by the Federal Government or acquired or produced for the Federal award, except when grantees or contractors are reimbursed for disposals at a predetermined amount in accordance with Subparts __.32 through __.37 of Circular A-110.

(3) Indirect costs related to salaries and wages incurred as settlement expenses in subparagraphs (1) and (2). Normally, such indirect costs shall be limited to fringe benefits, occupancy cost, and immediate supervision.

f. Claims under sub awards, including the allocable portion of claims which are common to the Federal award, and to other work of the non-profit organization are generally allowable.

An appropriate share of the non-profit organization's indirect expense may be allocated to the amount of settlements with subcontractors and/or subgrantees, provided that the amount allocated is otherwise consistent with the basic guidelines contained in Attachment A. The indirect expense so allocated shall exclude the same and similar costs claimed directly or indirectly as settlement expenses.

49. Training costs.

a. Costs of preparation and maintenance of a program of instruction including but not limited to on-the-job, classroom, and apprenticeship training, designed to increase the vocational effectiveness of employees, including training materials, textbooks, salaries or wages of trainees (excluding overtime compensation which might arise therefrom), and (i) salaries of the director of training and staff when the training program is conducted by the organization; or (ii) tuition and fees when the training is in an institution not operated by the organization, are allowable.

b. Costs of part-time education, at an undergraduate or post-graduate college level, including that provided at the organization's own facilities, are allowable only when the course or degree pursued is relative to the field in which the employee is now working or may reasonably be expected to work, and are limited to:

(1) Training materials.

(2) Textbooks.

(3) Fees charges by the educational institution.

(4) Tuition charged by the educational institution or, in lieu of tuition, instructors' salaries and the related share of indirect costs of the educational institution to the extent that the sum thereof is not in excess of the tuition which would have been paid to the participating educational institution.

(5) Salaries and related costs of instructors who are employees of the organization.

(6) Straight-time compensation of each employee for time spent attending classes during working hours not in excess of 156 hours per year and only to the extent that circumstances do not permit the operation of classes or attendance at classes after regular working hours; otherwise, such compensation is unallowable.

c. Costs of tuition, fees, training materials, and textbooks (but not subsistence, salary, or any other emoluments) in connection with full-time education, including that provided at the organization's own facilities, at a post-graduate (but not undergraduate) college level, are allowable only when the course or degree pursued is related to the field in which the employee is now working or may reasonably be expected to work, and only where the costs receive the prior approval of the awarding agency. Such costs are limited to the costs attributable to a total period not to exceed one school year for each employee so trained. In unusual cases the period may be extended.

d. Costs of attendance of up to 16 weeks per employee per year at specialized programs specifically designed to enhance the effectiveness of executives or managers or to prepare employees for such positions are allowable. Such costs include enrollment fees, training materials, textbooks and related charges, employees' salaries, subsistence, and travel. Costs allowable under this paragraph do not include those for courses that are part of a degree-oriented curriculum, which are allowable only to the extent set forth in subparagraphs b and c.

e. Maintenance expense, and normal depreciation or fair rental, on facilities owned or leased by the organization for training purposes are allowable to the extent set forth in paragraphs 11, 27, and 50.

f. Contributions or donations to educational or training institutions, including the donation of facilities or other properties, and scholarships or fellowships, are unallowable.

g. Training and education costs in excess of those otherwise allowable under subparagraphs b and c may be allowed with prior approval of the awarding agency. To be considered for approval, the organization must demonstrate that such costs are consistently incurred pursuant to an established training and education program, and that the course or degree pursued is relative to the field in which the employee is now working or may reasonably be expected to work.

50. Transportation costs. Transportation costs include freight, express, cartage, and postage charges relating either to goods purchased, in process, or delivered. These costs are allowable. When such costs can readily be identified with the items involved, they may be directly charged as transportation costs or

added to the cost of such items (see paragraph 28). Where identification with the materials received cannot readily be made, transportation costs may be charged to the appropriate indirect cost accounts if the organization follows a consistent, equitable procedure in this respect.

51. Travel costs.

a. General. Travel costs are the expenses for transportation, lodging, subsistence, and related items incurred by employees who are in travel status on official business of the non-profit organization. Such costs may be charged on an actual cost basis, on a per diem or mileage basis in lieu of actual costs incurred, or on a combination of the two, provided the method used is applied to an entire trip and not to selected days of the trip, and results in charges consistent with those normally allowed in like circumstances in the non-profit organization's non-federally-sponsored activities.

b. Lodging and subsistence. Costs incurred by employees and officers for travel, including costs of lodging, other subsistence, and incidental expenses, shall be considered reasonable and allowable only to the extent such costs do not exceed charges normally allowed by the non-profit organization in its regular operations as the result of the non-profit organization's written travel policy. In the absence of an acceptable, written non-profit organization policy regarding travel costs, the rates and amounts established under subchapter I of Chapter 57, Title 5, United States Code ("Travel and Subsistence Expenses; Mileage Allowances"), or by the Administrator of General Services, or by the President (or his or her designee) pursuant to any provisions of such subchapter shall apply to travel under Federal awards (48 CFR 31.205-46(a)).

c. Commercial air travel.

(1) Airfare costs in excess of the customary standard commercial airfare (coach or equivalent), Federal Government contract airfare (where authorized and available), or the lowest commercial discount airfare are unallowable except when such accommodations would: (a) require circuitous routing; (b) require travel during unreasonable hours; (c) excessively prolong travel; (d) result in additional costs that would offset the transportation savings; or (e) offer accommodations not reasonably adequate for the traveler's medical needs. The non-profit organization must justify and document these conditions on a case-by-case basis in order for the use of first-class airfare to be allowable in such cases.

(2) Unless a pattern of avoidance is detected, the Federal Government will generally not question a non-profit organization's determinations that customary standard airfare or other discount airfare is unavailable for specific trips if the non-profit organization can demonstrate either of the following: (a) that such airfare was not available in the specific case; or (b) that it is the non-profit organization's overall practice to make routine use of such airfare.

d. Air travel by other than commercial carrier. Costs of travel by non-profit organization-owned, -leased, or -chartered aircraft include the cost of lease, charter, operation (including personnel costs), maintenance, depreciation, insurance, and other related costs. The portion of such costs that exceeds the cost of allowable commercial air travel, as provided for in subparagraph c., is unallowable.

e. Foreign travel. Direct charges for foreign travel costs are allowable only when the travel has received prior approval of the awarding agency. Each separate foreign trip must receive such approval. For purposes of this provision, "foreign travel" includes any travel outside Canada, Mexico, the United States, and any United States territories and possessions. However, the term "foreign travel" for a non-profit organization located in a foreign country means travel outside that country.

52. Trustees. Travel and subsistence costs of trustees (or directors) are allowable. The costs are subject to restrictions regarding lodging, subsistence and air travel costs provided in paragraph 51.

ATTACHMENT C
Circular No. A-122

NON-PROFIT ORGANIZATIONS NOT SUBJECT TO THIS CIRCULAR

Advance Technology Institute (ATI), Charleston, South Carolina
Aerospace Corporation, El Segundo, California
American Institutes of Research (AIR), Washington D.C.
Argonne National Laboratory, Chicago, Illinois
Atomic Casualty Commission, Washington, D.C.
Battelle Memorial Institute, Headquartered in Columbus, Ohio
Brookhaven National Laboratory, Upton, New York
Charles Stark Draper Laboratory, Incorporated, Cambridge, Massachusetts
CNA Corporation (CNAC), Alexandria, Virginia
Environmental Institute of Michigan, Ann Arbor, Michigan
Georgia Institute of Technology/Georgia Tech Applied Research Corporation/
Georgia Tech Research Institute, Atlanta, Georgia
Hanford Environmental Health Foundation, Richland, Washington
IIT Research Institute, Chicago, Illinois
Institute of Gas Technology, Chicago, Illinois
Institute for Defense Analysis, Alexandria, Virginia
LMI, McLean, Virginia
Mitre Corporation, Bedford, Massachusetts
Mitretek Systems, Inc., Falls Church, Virginia
National Radiological Astronomy Observatory, Green Bank, West Virginia
National Renewable Energy Laboratory, Golden, Colorado
Oak Ridge Associated Universities, Oak Ridge, Tennessee
Rand Corporation, Santa Monica, California
Research Triangle Institute, Research Triangle Park, North Carolina
Riverside Research Institute, New York, New York
South Carolina Research Authority (SCRA), Charleston, South Carolina

Southern Research Institute, Birmingham, Alabama

Southwest Research Institute, San Antonio, Texas

SRI International, Menlo Park, California

Syracuse Research Corporation, Syracuse, New York

Universities Research Association, Incorporated (National Acceleration Lab),
Argonne, Illinois

Urban Institute, Washington D.C.

Non-profit insurance companies, such as Blue Cross and Blue Shield Organizations

Other non-profit organizations as negotiated with awarding agencies

Exhibit 2

Governments, and Non-Profit Organizations."

(b) State and local governments shall be subject to the audit requirements contained in the Single Audit Act Amendments of 1996 (31 U.S.C. 7501-7507) and revised OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations."

(c) For-profit hospitals not covered by the audit provisions of revised OMB Circular A-133 shall be subject to the audit requirements of the Federal awarding agencies.

(d) Commercial organizations shall be subject to the audit requirements of EPA or the prime recipient as incorporated into the award document.

[61 FR 6067, Feb. 15, 1996, as amended at 62 FR 45939, 45944, Aug. 29, 1997]

§ 30.27 Allowable costs.

(a) For each kind of recipient, there is a set of Federal principles for determining allowable costs. Allowability of costs shall be determined in accordance with the cost principles applicable to the entity incurring the costs. Thus, allowability of costs incurred by State, local or federally-recognized Indian tribal governments is determined in accordance with the provisions of OMB Circular A-87, "Cost Principles for State and Local Governments." The allowability of costs incurred by non-profit organizations is determined in accordance with the provisions of OMB Circular A-122, "Cost Principles for Non-Profit Organizations." The allowability of costs incurred by institutions of higher education is determined in accordance with the provisions of OMB Circular A-21, "Cost Principles for Educational Institutions." The allowability of costs incurred by hospitals is determined in accordance with the provisions of appendix E of 45 CFR part 74, "Principles for Determining Costs Applicable to Research and Development Under Grants and Contracts with Hospitals." The allowability of costs incurred by commercial organizations and those non-profit organizations listed in Attachment C to Circular A-122 is determined in accordance with the provisions of the Federal Acquisition Regulation (FAR) at 48 CFR part 31. In addition, EPA's annual Appropriations Acts may contain restrictions on the

use of assistance funds. For example, the Acts may prohibit the use of funds to support intervention in Federal regulatory or adjudicatory proceedings.

(b) EPA will limit its participation in the salary rate (excluding overhead) paid to individual consultants retained by recipients or by a recipient's contractors or subcontractors to the maximum daily rate for level 4 of the Executive Schedule unless a greater amount is authorized by law. (Recipient's may, however, pay consultants more than this amount.) This limitation applies to consultation services of designated individuals with specialized skills who are paid at a daily or hourly rate. This rate does not include transportation and subsistence costs for travel performed; recipients will pay these in accordance with their normal travel reimbursement practices. Contracts with firms for services which are awarded using the procurement requirements in this part are not affected by this limitation.

§ 30.28 Period of availability of funds.

Where a funding period is specified, a recipient may charge to the grant only allowable costs resulting from obligations incurred during the funding period and any pre-award costs authorized by EPA.

PROPERTY STANDARDS

§ 30.30 Purpose of property standards.

Sections 30.31 through 30.37 set forth uniform standards governing management and disposition of property furnished by the Federal Government whose cost was charged to a project supported by a Federal award. EPA shall require recipients to observe these standards under awards and shall not impose additional requirements, unless specifically required by Federal statute. The recipient may use its own property management standards and procedures provided it observes the provisions of §§ 30.31 through 30.37.

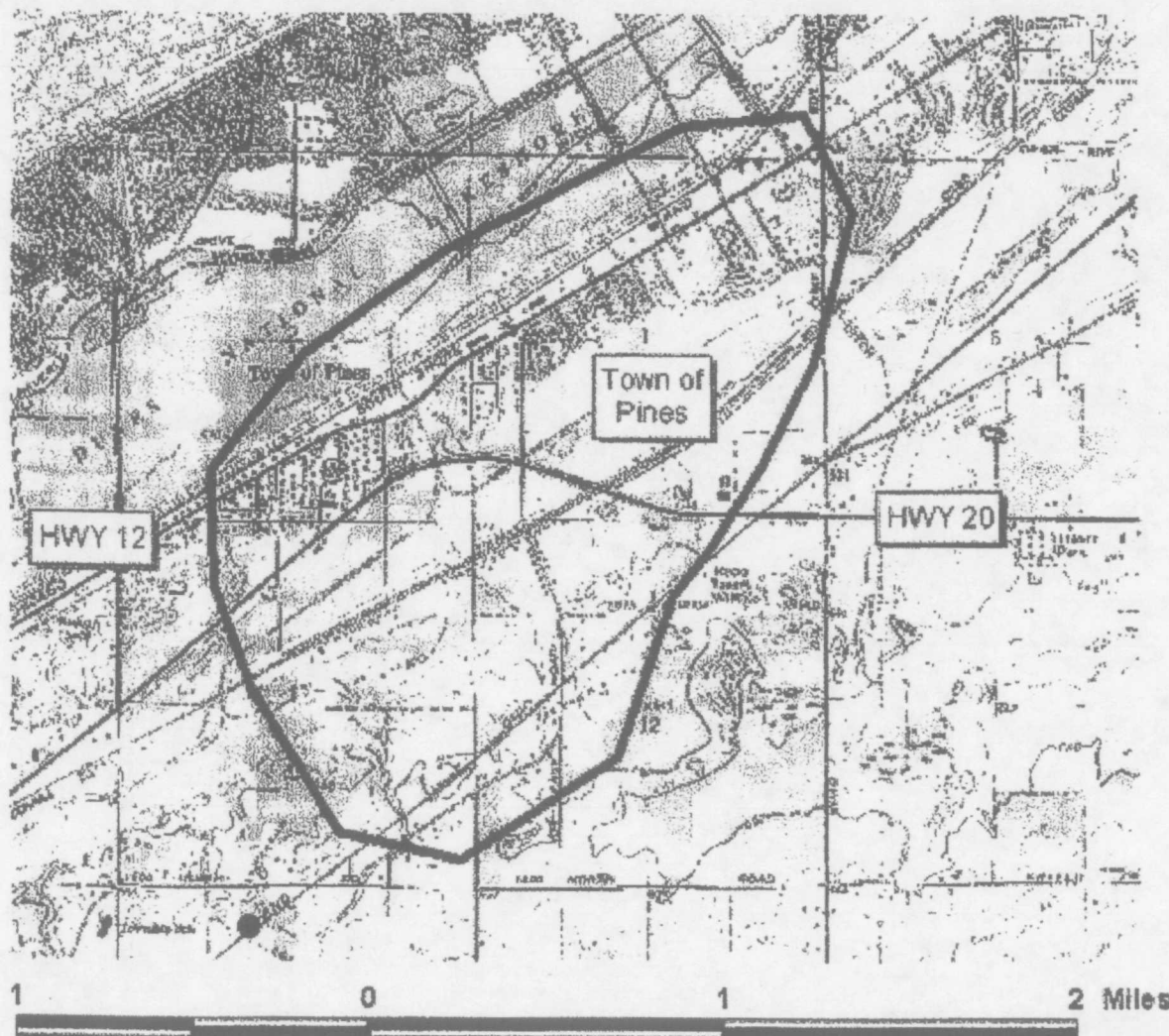
§ 30.31 Insurance coverage.

Recipients shall, at a minimum, provide the equivalent insurance coverage for real property and equipment acquired with Federal funds as provided to property owned by the recipient.

Exhibit 3

Pines RI/FS Site Location

Porter County, Indiana



LEGEND


 Area of Investigation

Exhibit 4

if paragraphs (c)(1) and (2) of this section apply.

(1) The costs result from obligations which were properly incurred by the recipient before the effective date of suspension or termination, are not in anticipation of it, and in the case of a termination, are noncancellable.

(2) The costs would be allowable if the award were not suspended or expired normally at the end of the funding period in which the termination takes effect.

(d) *Relationship to debarment and suspension.* The enforcement remedies identified in this section, including suspension and termination, do not preclude a recipient from being subject to debarment and suspension under Executive Orders 12549 and 12689 and EPA's implementing regulations (see §30.13).

§ 30.63 Disputes.

(a) Disagreements should be resolved at the lowest possible level.

(b) If an agreement cannot be reached, the EPA disputes decision official will provide a written final decision. The EPA disputes decision official is the individual designated by the award official to resolve disputes concerning assistance agreements. If the dispute cannot be resolved the procedures outlined at 40 CFR part 31, subpart F, should be followed.

Subpart D—After-the-Award Requirements

§ 30.70 Purpose.

Sections 30.71 through 30.73 contain closeout procedures and other procedures for subsequent disallowances and adjustments.

§ 30.71 Closeout procedures.

(a) Recipients shall submit, within 90 calendar days after the date of completion of the award, all financial, performance, and other reports as required by the terms and conditions of the award. EPA may approve extensions when requested by the recipient.

(b) Unless EPA authorizes an extension, a recipient shall liquidate all obligations incurred under the award not later than 90 calendar days after the funding period or the date of comple-

tion as specified in the terms and conditions of the award or in agency implementing instructions.

(c) EPA shall make prompt payments to a recipient for allowable reimbursable costs under the award being closed out.

(d) The recipient shall promptly refund any balances of unobligated cash that EPA has advanced or paid and that is not authorized to be retained by the recipient for use in other projects. OMB Circular A-129 governs unreturned amounts that become delinquent debts.

(e) When authorized by the terms and conditions of the award, EPA shall make a settlement for any upward or downward adjustments to the Federal share of costs after closeout reports are received.

(f) The recipient shall account for any real and personal property acquired with Federal funds or received from the Federal Government in accordance with §§30.31 through 30.37.

(g) In the event a final audit has not been performed prior to the closeout of an award, EPA shall retain the right to recover an appropriate amount after fully considering the recommendations on disallowed costs resulting from the final audit.

§ 30.72 Subsequent adjustments and continuing responsibilities.

(a) The closeout of an award does not affect any of the following.

(1) The right of EPA to disallow costs and recover funds on the basis of a later audit or other review.

(2) The obligation of the recipient to return any funds due as a result of later refunds, corrections, or other transactions.

(3) Audit requirements in §30.26.

(4) Property management requirements in §§30.31 through 30.37.

(5) Records retention as required in §30.53.

(b) After closeout of an award, a relationship created under an award may be modified or ended in whole or in part with the consent of EPA and the recipient, provided the responsibilities of the recipient referred to in §30.73(a), including those for property management as applicable, are considered and

Exhibit 5

Request for Advance or Disbursement Instructions

1. Type of Payment Requested: Check "partial" for initial and interim payments. Check "final" only for the last request made for the TAP Project.
2. Period Covered by this Request: Enter the month, day, and year for the period that this reimbursement covers.
3. Recipient Organization: Enter the name and address of your group as authorized in the TAP Agreement.
4. Total Program outlays to date: Enter the total amount spent (outlays) in this time period and all previous reimbursement time periods.
5. Net Program Outlays: Enter the sum from line 8a, here and in the "total" column.
6. Total: Enter the sum from line 8a, here and in the "total" column.
7. Payments Previously Requested: Enter the total amount of payment already received from Respondents.
8. Share Now Requested: Subtract line 8g from line 8f. This total represents the amount you are requesting for reimbursement from respondents.
9. Certification: The Project Manager must read the certification statement and verify that the information is accurate before signing and dating the form. The authorized individual's name, title, and telephone number also must be included.

REQUEST FOR ADVANCE OR DISBURSEMENT	1 TYPE OF PAYMENT REQUESTED	a. "X" one both boxes <input type="checkbox"/> ADVANCE <input type="checkbox"/> REIMBURSEMENT	b. "X" the applicable box <input type="checkbox"/> FINAL <input type="checkbox"/> PARTIAL		
	2. BASIS OF REQUEST <input type="checkbox"/> CASH ← <i>always</i> <input type="checkbox"/> ACCRUAL				
3. ORGANIZATION ELEMENT TO WHICH THIS REPORT IS SUBMITTED <div style="font-size: 1.2em; font-family: cursive;">PINES BROWN/NIPSCO</div>		4. PARTIAL PAYMENT REQUEST NUMBER FOR THIS REQUEST			
5. PERIOD COVERED BY THIS REQUEST <table style="width: 100%; border: none;"> <tr> <td style="border: none; width: 50%;">FROM: (month, day, year) 1/1/95</td> <td style="border: none; width: 50%;">TO: (month, day, year) 3/31/95</td> </tr> </table>				FROM: (month, day, year) 1/1/95	TO: (month, day, year) 3/31/95
FROM: (month, day, year) 1/1/95	TO: (month, day, year) 3/31/95				
6. RECIPIENT ORGANIZATION Name <i>PINES</i> Number and Street City, State and ZIP Code		7. PAYEE (Where check is to be sent is different than item 6) Name <i>PINES or other recipient</i> Number and Street City, State and ZIP Code			
8. COMPUTATION OF AMOUNT OF REIMBURSEMENTS/ADVANCES REQUESTED					
PROGRAMS/FUNCTIONS/ACTIVITIES ▶		Technical Assistance	TOTAL		
a. Total program outlays to date (As of date)		<i>- 5500</i>			
b. Less: Cumulative program income		<i>- 0</i>			
c. Net program outlays (Line a minus line b)		<i>5500</i>			
d. Estimated net cash outlays for advance period		<i>4950</i>			
e. Total (Sum of lines c & d)		<i>5000</i>			
f. Payments previously requested		<i>0</i>			
g. Payment share now requested		<i>Now Request 5,000</i>			
h. Advances required by month, when requested by Respondents for use in making prescheduled advances		1 st month			
		2 nd month	<i>N/A</i>		
		3 rd month			
9. ALTERNATE COMPUTATION FOR ADVANCES ONLY					
a. Estimated Respondents cash outlays that will be made during period covered by the advance		<i>N/A</i>	\$		
b. Less: Estimated balance of Respondents cash on hand as of beginning of advance period		<i>N/A</i>			
c. Amount requested (Line a minus line b)			\$		

10. CERTIFICATION		
I certify that to the best of my knowledge and belief the data is correct and all outlays were made in accordance with the TAP Agreement and that payment is due and has not been previously requested.	SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	DATE REQUEST SUBMITTED
	TYPED OR PRINTED NAME AND TITLE	TELEPHONE (AREA CODE, NUMBER, EXTENSION)

Exhibit 6

Summary Request for Funding Instructions

1. **Date:** Date of Invoice.
2. **Item:** This subcategory should fit the type of payments that your group makes—i.e., copying and printing, technical advisor, etc.
3. **Value:** Multiply hours or quantity by rate to arrive at value.

Summary Request for Funding

Period from / / to: / /

Year _____

Partial Payment Request Number _____

[illegible]

Exhibit 7

TAP Monthly Progress Report Instructions

- 1. Progress Achieved:** Describe the types of activities conducted during the reporting period and the hours required to accomplish these tasks. Indicate whether you are initiating, continuing, or concluding the activity.
- 2. Difficulties Encountered:** Indicate if your group is having any unforeseen problems. For example, you should document if activities are going slower than expected or if your budget is not working out as anticipated.
- 3. Percent of Project Complete to Date:** Enter the percentage of the TAP Project complete to date.
- 4. Materials Produced this Month:** Indicate any documents prepared by your technical advisor(s) and your group. Attach copies of these materials to your progress report and submit to Respondents.
- 5. Activity Anticipated in Next Month:** Describes the types of activities that your group and your technical advisor(s) will be working on during the next month (note new activities along with those that are continuing).

TAP MONTHLY PROGRESS REPORT

Date:

Report Number:

Report Period:

Site:

Recipient:

Recipient Group Representative:

Technical Advisor:

PROGRESS ACHIEVED:

DIFFICULTIES ENCOUNTERED:

PERCENT OF PROJECT COMPLETED TO DATE:

MATERIALS PRODUCED THIS MONTH:

ACTIVITY ANTICIPATED IN NEXT MONTH:

Exhibit 8

FINAL REPORT

Page

- I. INTRODUCTION**
- II. PROJECT GOALS AND OBJECTIVES**
- III. ACTIVITIES UNDERTAKEN TO ACHIEVE GOALS AND OBJECTIVES**
- IV. DIFFICULTIES ENCOUNTERED**
- V. TECHNICAL ADVISORS WORK PRODUCTS**
- VI. FUNDS SPENT**
- VII. CONCLUSION**

TECHNICAL ASSISTANCE PLAN REQUEST

1. SITE NAME AND LOCATION

Pines Groundwater Contamination Site in the Town of Pines, Indiana

2. DATE

August 16, 2004

3. COMMUNITY GROUP NAME

P.I.N.E.S. - People In Need of Environmental Safety

4. RELATIONSHIP WITH POTENTIALLY RESPONSIBLE PARTIES (PRPs) OR OTHER INELIGIBLE ENTITIES

Is your group part of, established by, or supported by, or do any of your members represent the following:

A PRP for the site?

No ☒

Yes ☐

A national organization?

No ☒

Yes ☐

A political subdivision (for example, a township or municipality)?

No ☐

Yes ☒

An academic institution?

No ☒

Yes ☐

A tribal government?

No ☒

Yes ☐

Explain any "Yes" answers to item 4

SEE ATTACHMENT A #4

5. HOW IS YOUR GROUP ORGANIZED AND HOW MANY MEMBERS DO YOU CURRENTLY HAVE?

SEE ATTACHMENT A #5

6. HOW HAVE YOUR GROUP MEMBERS BEEN AFFECTED BY CONTAMINATION AT THE SITE?

SEE ATTACHMENT A #6

7. HOW HAS YOUR GROUP BEEN INVOLVED AT THE SITE?

SEE ATTACHMENT A #7

8. GROUP CONTACT PERSON

Name

Telephone Number

Address

**Cathi Murray
c/o P.L.N.E.S.**

219-879-7107

PO Box 216 Beverly Shores, IN 46301

9. INFORMATION SHARING

Describe the steps your group will take to share information with other community members. How will you ensure that other community members' concerns are shared with the PRP and EPA?

SEE ATTACHMENT A #9

10. TECHNICAL EXPERT SERVICES

State your group's anticipated projects to increase understanding and participation in the cleanup process. Please include:

1. Anticipated tasks the technical expert will do (for example, review reports).
2. Estimated time the technical expert will spend on each task.
3. Expected work product from technical expert (for example, memos, reports, and newsletters).
4. How the community group expects to work with the technical expert.

SEE ATTACHMENT B

11. ESTIMATED BUDGET

Budget Category, Name of Activity, Number of Participants, and Estimated Cost			
Technical Expert			
	Review progress & products of RI/FS Tasks 1-3	224	\$22,000.00
	Written & oral reports to P.I.N.E.S. at completion of RI/FS Tasks 1-3	104	\$13,000.00
	Public meeting participation	8	\$1,000.00
	Attendance and participation in Project Meetings RI/FS Task 11	24	\$3,000.00
Community Outreach			
	Web Site design and maintenance	over a 3 year period	\$1,500.00
	Printing & Distribution of flyers	over a 3 year period	\$200.00
	Map reproduction	over a 3 year period	\$500.00
	Hall rental	over a 3 year period	\$450.00
	Newspaper advertising	over a 3 year period	\$750.00
	Mailings	over a 3 year period	\$500.00
	SOI(c)(3)		\$500.00
12. CERTIFICATION The undersigned certifies to the best of his or her knowledge and belief that the information on this request is true and correct. A false statement on this form may be grounds for rejection of this proposal or termination of the TAP services. He/she understands that EPA may request additional information about the Community Group.			
Signature _____ Print Name _____ Date _____			
		Date Received (EPA Only)	

ATTACHMENT A

Membership includes a total of four elected officials, two township and two municipal officials. None of the four officials is representing their elected position in the PINES group and can not hold an elected position on the P.I.N.E.S. Board of Directors.

P.I.N.E.S. Group currently has sixty-six members and any adult resident of Pine Township may become a member. The Board of Directors consists of 8-12 citizens who have taken an active interest in the goals of P.I.N.E.S. Officers of the Board are President, Vice President, Secretary, and Treasurer. The officers are elected annually at the annual meeting. Board meetings are held quarterly or as needed. Any P.I.N.E.S. member may request a special meeting of the board.

All of the members live within the site and its surrounding area. Many of the members have contamination of their water and soil. Our quality of life has been tremendously diminished due to the uncertainties of the safeness of our produce from our gardens to enjoy. Our homegrown produce had been used to lessen the financial food burden.

Our lives have been altered and inconvenienced by having to live out of jugs of water. Our peace of mind has been negatively affected due to speculation of health-related issues for ourselves, our loved ones, and even our pets.

Property devaluation is a major concern because the law requires us to reveal to any potential buyer the contamination and subsequent hazards of using the water and land. Obviously this can create a severe financial impact on any one of our members as well as the residents in affected areas.

We have been very vigilant in seeking the assistance of our County, State and Federal officials. We have been in continuous contact with EPA and the Indiana Department of Environmental Management during this entire process. We have kept the story in the local and regional news media.

We were instrumental in locating other pockets of contamination that assisted the EPA in finding other contaminated areas. We are continuing to monitor and test water sources and wells in the affected areas.

We continue to keep the residents of the site and its surrounding area informed via flyers, emails and public meetings. We keep ourselves available to the residents to answer questions and listen to complaints on how they now have to live in fear and apprehension.

We will continue to send emails, deliver flyers and mailings to the community and the surrounding areas. Set up meetings to inform residents, also advise the local media of any meetings and progress.

Set up a web-site, keep it current, and advertise the web-site. To ensure that other community members and their concerns are shared with the PRP and EPA, we will designate two PINES member liaisons that will be easily accessible to the PRP, EPA, PINES, and residents within the site and surrounding area.

Attachment B

PINES has identified one of the technical experts upon which we intend to rely. PINES intends to retain the services of Charles H. Norris through Geo-Hydro, Inc., of Denver Colorado to serve as our technical expert in geology, hydrogeology, and aqueous geochemistry.

Mr. Norris has more than thirty years of professional experience in geology, hydrogeology and management in the applied and theoretical geosciences. His nationwide and international experience includes academic research, technical work, oversight, and/or project and staff management in site assessment; RI/FS; computer modeling of fluid flow, contaminant transport, and geochemistry (applications and code development); federal, state and local policy and rule making; aquifer evaluation; and resource development (water and energy). Mr. Norris is a registered Professional Geologist in six states, including Indiana. He has a B.S. in Geology from Univ. of IL, a M.S. (NSF Fellowship) from Univ. of WA, and is still short a thesis for a Ph.D. from Univ. of IL.

Mr. Norris will assist PINES with the identification of technical experts in other fields that may be necessary to fulfill the purposes of the Technical Assistance Plan. PINES anticipates that Norris or other experts will perform the following 4 tasks. Budget estimates are based upon Mr. Norris' billing rate of \$125/hour.

First, PINES expects Norris to review the progress and products of Tasks 1 through 8 of the RI/FS, as described in the Statement of Work that is attached to the Administrative Order of Consent, including draft reports. PINES perceives RI/FS Task 1 Tasks to be critical to the entire process. Consequently, PINES expects Norris to familiarize himself fully with the geology, hydrogeology, and water quality of the site and the immediately surrounding area. To do so, he will review all relevant data and documents listed in the Statement of Work in the Administrative Order of Consent. He will supplement that, as appropriate, with a review of relevant data and documents in the published literature and, to the extent possible and practicable through discussions with the technical staffs of the USEPA and the Respondents. PINES anticipates not less than 1 ½ net weeks of labor for this review by Norris, for a labor budget of at least \$7,500. RI/FS Tasks 2 through 4 are similarly important, since the adequacy of actions that follow the RI/FS are largely defined by the adequacy of the initial characterizations and investigations. Tightly constrained estimates for these tasks cannot be made at this time; they depend largely on the RI/FS project as it evolves. It is unlikely that any of RI/FS Tasks 2 through 4 individually take less than 4 net days of labor over the course of the RI/FS, for a estimated minimum for reviewing these Tasks of 12 net days collectively, or \$12,000. It is unlikely that any of RI/FS Tasks 5-8 will take less than ½ net week each. Thus, a minimum estimate for reviewing these four Tasks is 2 net weeks of labor, with a minimum labor budget of \$10,000. (PINES recognizes that portions of this effort may be performed by technical experts other than Norris, particularly for Tasks 5-8.) As part of this task Norris will also review the monthly progress reports to USEPA from the Respondents.

Second, PINES expects to receive reports from Norris documenting the results of his reviews, assessments, interpretations and participation. PINES also expects Norris to routinely convey to USEPA and Respondents the results of his reviews, assessments, interpretations and

participation. Norris will supply written or oral reports to PINES at the completion by the Respondent of each of RI/FS Tasks 1 through 8. These reports will summarize the results of the Task, explain the significance of the results, and discuss the implications of the results on the performance of subsequent Tasks. To the extent that Norris differs in opinion with the final results or interpretation of any task, he will identify those differences and discuss the implications, if any, of those differences. It is anticipated that the completions of at least RI/FS Tasks 1, 2, 4, 5, and 7 will result in formal written reports. A minimum estimate for these reports is one net week of labor for the report on RI/FS Task 1 and 2 net days of labor for each of the remaining 4 RI/FS Task reports, for a total minimum estimated budget of \$13,000. (PINES recognizes that portions of this effort may be performed by technical experts other than Norris.)

Third, PINES anticipates that Norris will participate at public meetings that PINES may host from time to time, explaining to the general public his reports and his understanding of the RI/FS investigations as they have proceeded to that point. He will also be available for discussions with the news media at these times. It is estimated that there will be five formal reports, and it is anticipated that there will be a public meeting associated with each of the reports. If each meeting lasts four hours, there will be an additional 2 ½ net days of labor, with a labor budget of \$2,500. (PINES recognizes that portions of this effort may be performed by technical experts other than Norris.)

Fourth, PINES expects Norris to attend and participate in the Project Meetings that are described in RI/FS Task 11. PINES feels that this is a critical opportunity for PINES to contribute to the RI/FS process. The Statement of Work in the Administrative Order of Consent mandates that the Technical Assistance Program "help interpret and comment on Site-related documents developed under this SOW and through USEPA's issuance of the Record of Decision." Norris' participation in the Project meetings allows such interpretation and comment to be provided at a time when it can best impact the process. The Statement of Work for the Administrative Consent Order lists eight suggested meetings and allows for more. If there are no more than the eight meetings, and if they last no longer than an average of four hours, this effort will require 4 net days of labor and a corresponding labor budget of \$4,000. Direct expenses for this effort will depend in part on whether Norris' participation at a given meeting can be effectively done via phone-in. (PINES recognizes that portions of this effort may be performed by technical experts other than Norris.)

PINES MEMBER LIST

NAME

ADDRESS

1. Truman Wingo
2. Jackie Wingo
3. Ruth Ahlbrand
4. Daniel Timm
5. Vickie Timm
6. Bonnie Zosso
7. Oscar Jimenez
8. Dieannea Jimenez
9. Phyllis Damota
10. Vancel Stone
11. Margaret Stone
12. Shirley Stribling
13. Mike Grunfeld
14. Mike Janowski
15. Penny Janowski
16. David McColpin
17. Shirley McColpin
18. Ray Reagor
19. Judy Reagor
20. Frank Corcoran
21. Al Springer
22. Ann Springer
23. Earl Lowder
24. Donna Lowder
25. Sharon Seahorn
26. David Seahorn

Exemption 6

NAME**ADDRESS**

27. Melvin Waldo
28. Daiseymarie Waldo
29. Helen Molinaro
30. John Molinaro
31. Alan Pitts
32. Gaylen Richardson
33. Peggy Richardson
34. Mike Smith
35. Rana Segal
36. Cathi Murray
37. Alan Murray
38. James Bostater
39. Donna Bostater
40. Paul Kysel
41. Kristine Kysel
42. Ellen Becker
43. Nina Forsythe
44. James Prast
45. Sherri Prast
46. Tom Brand
47. Carole Stoddard
48. Diane Egilske
49. Norm Egilske
50. Phillip Collin
51. Jean Collin
52. Nancy Kolasa
53. Terry Kolasa
54. Larry Cota
55. Charlotte Cota

Exemption 6

NAME**ADDRESS**

56. Jan Nona

57. Rick Nona

58. Robert Watkins

59. Tammy Watkins

60. Larry Russell

61. Kimberly Russell

62. Carl Campbell

63. Linda Campbell

64. Ann Frasure

65. Mark Kreigbaum

66. Tammy Davis

Exemption 6